FULTON, MEHRING & HAUSER CO.
116-122 S. GEORGE ST.
YORK, PA.

STANLEY®

electric tools

catalog 69 1951

. . . built for industry

FULTON, MEHRING & HAUSER CO.
116-122 S. GEORGE ST.
YORK, PA.

STANLEY®

electric tools

catalog no. 69

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STANLEY ELECTRIC TOOLS
DIVISION OF THE STANLEY WORKS
NEW BRITAIN, CONNECTICUT, U. S. A.
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See the telephone directory of these cities. Service Stations carry complete stocks of genuine Stanley parts.

All repair work is controlled by the factory.

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STANLEY

electric tools

Since 1850, tool users and tool buyers have accepted the name STANLEY as standing for fine tools — as a guarantee for quality. The same high quality materials, careful workmanship and fair dealing that have built lasting good will for Stanley Hand Tools are found in Stanley Electric Tools.

TESTS: Stanley Electric Tools are mechanically and electrically correct. Before leaving the factory all tools, in addition to careful inspection, are subjected to a long running test.

VOLTAGES: Stanley Electric Tools will operate satisfactorily on voltages 5% over or under voltages specified.

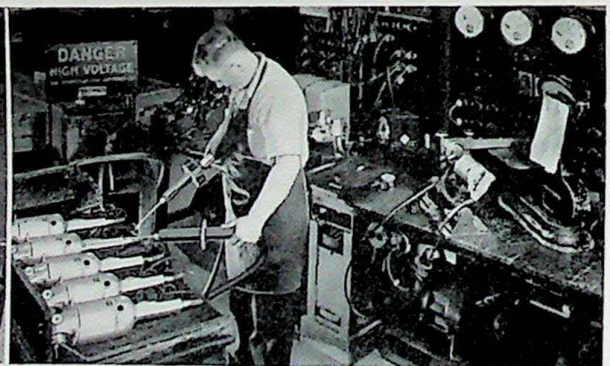
GUARANTEE: Every Stanley Electric Tool product has been carefully inspected before shipment and we guarantee to correct any defect due to faulty material or workmanship. Our obligation assumed under this guarantee is limited to making replacement of any part or parts that our examination proves as being defective and which parts have not been misused nor improperly handled. The complete unit or parts thereof, must be returned, transportation charges prepaid, to our factory in New Britain, Connecticut, or to our nearest authorized service station for examination.

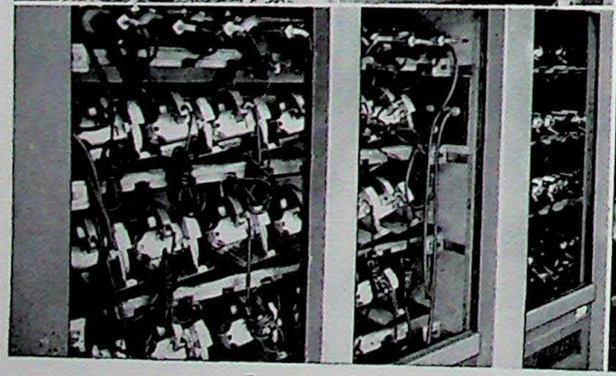
We reserve the right to decline responsibility when repairs have been made or attempted by others. This is the only guarantee that Stanley Electric Tools offers covering its products or parts thereof. None other is authorized.

Stanley Electric Tools meet the requirements of Underwriters Laboratories and carry their label of approval.

Assembly

Testing



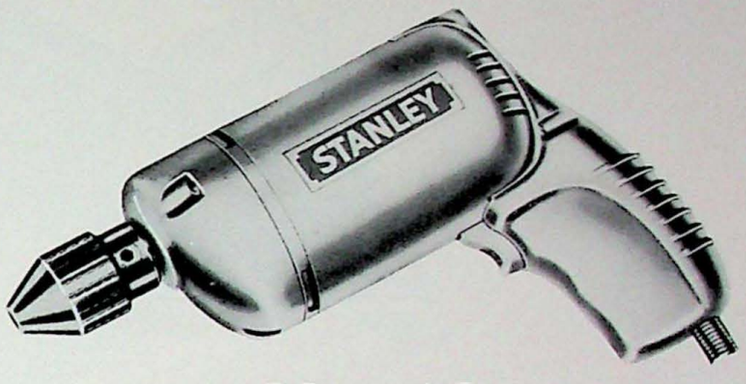


Running In

Final Inspection

electric drills

Small size ¼" drills which are lightweight, compact and durable for drilling in metal, wood and composition materials. The compact design of these drills permits easy handling for regular drilling and for close-quarter work. Drill stand No. 514 (page 16) used with these drills. No. SA-476 horizontal stand also available — see page 16.



No. 14

¼" pistol type

No. 24

¼" pistol type

features

Strong aluminum die-cast housing, fully polished.

Gears — helical, alloy steel, heat treated.

Oil impregnated bronze bearings.

Three-jaw hex-key chuck on No. 14 drill.

Three-jaw geared chuck on No. 24 drill.

Trigger type switch with locking device.

Cord—rubber covered, three-wire, with spring protector.

specifications

Motor: universal type, DC or AC, 60 cycles or less.

Ideal drills for service men's tool kits, for installation work and on-the-job repairs.

type no.	capacity		voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
14 24	¼" in steel	½" in wood	115, 125, 150	1100 no load — 560 full load	8¼"	3 lbs.	3½ lbs.

Packed in individual carton.
Eight cartons to the case — shipping weight, 30 lbs.
See pages 16-18 for accessories.

New Britain, Conn., U. S. A.

STANLEY

electric drill

No. 24A

¼" pistol type

Compact, sturdy, lightweight drill for drilling in metal, wood and composition materials. Small size and compact design permits working in close quarters. Recommended for use in industry for production drilling — aircraft, automotive, etc., and for repair jobs. Drill stands No. 514 and No. SA476 horizontal used with this drill — see page 16.

features

Strong aluminum alloy die cast housing, fully polished.

Gears — helical, alloy steel, heat treated.

Oil impregnated bronze bearings.

Three-jaw geared chuck, threaded on spindle.

Trigger type switch with locking device.

Rubberflex chuck key holder.

Cord — rubber covered, three-wire with ground connection.

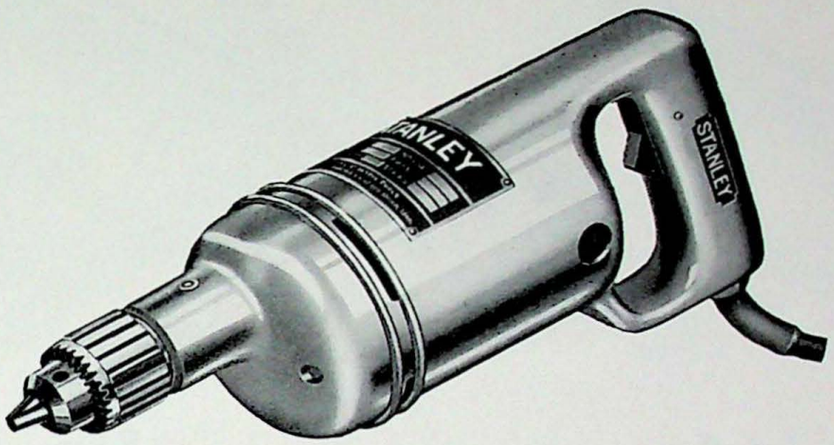
specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
24A	¼" in steel ½" in wood	115, 125, 150, 200, 230 or 250 as specified	1800 no load 1100 full load	8⅝"	3¼ lbs.	3¾ lbs.

Packed one in individual carton.
Eight cartons to the case — shipping weight, 32 lbs.
See pages 16-18 for accessories.

electric drill



No. 114

¼" — "D" handle

A ¼" quality, low priced, compact electric drill with ample power to drill in wood, metal and composition materials up to its rated capacity. Ideal for service jobs encountered by plumbers, garage men, electricians, carpenters, oil burner installers, air conditioners. Use drill stand No. 531A (page 16) and horizontal stand No. 530 (page 16) with this drill.

features

Fully polished aluminum housing.

Thrust ball bearing on spindle.

Armature mounted on oil impregnated bronze sleeve bearings.

Gears — alloy steel, specially heat treated.

Rocker motion switch, conveniently located in handle.

Straight line design permits working close to horizontal or perpendicular surfaces.

Three-jaw geared chuck, threaded on spindle.

Cord clamp in handle prevents strain on wire connections.

Heavy rubber covered three-wire cord with ground connection.

specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
114	¼" in steel ½" in wood	115, 125, 150, 200, 230 or 250 as specified	2000 no load 1400 full load	12"	5¼ lbs.	7 lbs.

Accessories on pages 16-18.

New Britain, Conn., U. S. A.

STANLEY electric drills

No. 164

¼" — "D" handle

New ¼" drills with surplus power for drilling in steel or wood designed for production drilling. High speed, convenient switch and handle make these drills ideal for construction and repair work where speed is an important factor. Will cut a hole 1" deep through tool steel, dry

No. 166

¼" — drop handle

and free hand in less than 30 seconds. Can be supplied with chuck guard* as an accessory, that fits over chuck to protect worker's hands during production drilling. Use drill stand No. 526 for 164 drill and No. 527 for 166 drill (page 16). Chuck line length 8" on 166 drill for drilling in confined areas.

features

Die cast aluminum housing, fully polished.
Three-jaw geared chuck, threaded on spindle.
Trigger type switch with locking device.
Sealed ball bearings.
Positive cord clamp with spring protector.
Cord — rubber covered, three-wire with ground connection.

specifications

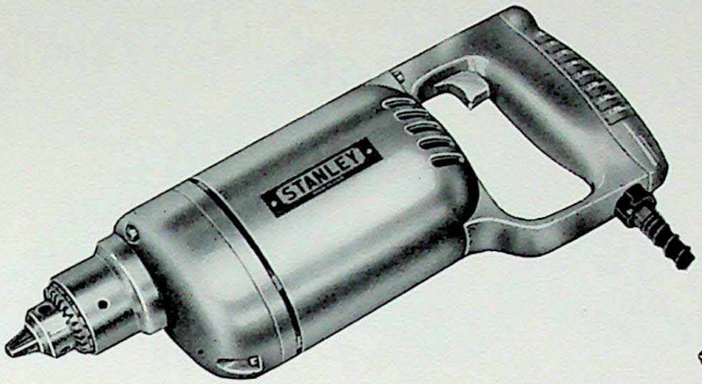
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity		voltages	chuck speed r.p.m.	length	net weight	shipping weight
164	¼" in steel	¾" in wood	115, 125, 150, 200, 230 or 250 as specified	2000 no load 1100 full load	11⅜"	5¼ lbs.	6¾ lbs.
166					8"	5 lbs.	6½ lbs.

*SA-540 chuck guard.

Accessories on pages 16-18.

electric drills



heavy duty

No. 168

¼" — "D" handle

Heavy duty ¼" drills with surplus power for drilling in steel or wood. Particularly adaptable to production drilling. They combine a powerful motor with well-balanced streamlined design.

No. 169

¼" — drop handle

Both drills have a highly polished finish. Drill stand No. 526 used with the 168 drill. Drill stand No. 527 used with the 169 drill. (Page 16). The chuck line length of the 169 drill is 8¼".

features

Die cast aluminum housing, fully polished.

Three-jaw geared chuck, threaded on spindle.

Trigger type switch with locking device.

Sealed ball bearings.

Positive cord clamp with spring protector.

Cord — rubber covered, three wire with ground connection.

chuck guard

These drills are equipped with a removable chuck guard (SA-540) to protect the operator and finished work from contact with the chuck when in operation. A bearing retaining ring is supplied with each drill to replace chuck guard when it is removed.

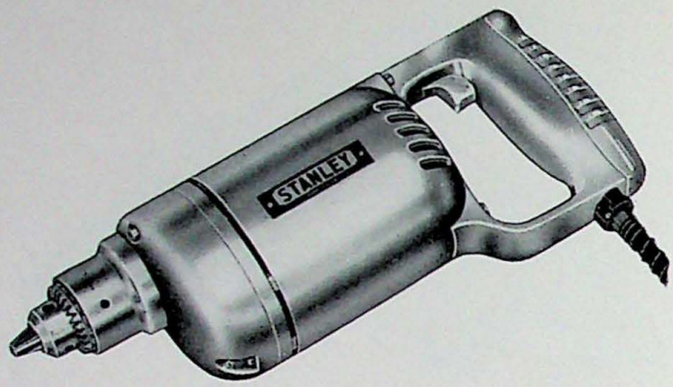
specifications

Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity		voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
168	¼" in steel	1" in wood	115, 125, 150, 200, 230 or 250 as specified	1500 no load 900 full load	11⅝"	6 lbs.	7½ lbs.
169					10½"	5¾ lbs.	7¼ lbs.

Accessories for these drills on pages 16 to 18.

electric drills



heavy duty

No. 160

5/16" — "D" handle

Heavy duty drills designed for production work where drills of this capacity are required. Recommended for use in garages, factories, for structural work — anywhere a powerful production drill of 5/16" capacity is desired. These drills will operate satisfactorily in all drilling applications. Use No. 526 drill stand with 160 drill and No. 527 drill stand with 161 drill (page 16). Both drills have a highly polished finish.

No. 161

5/16" — drop handle

The chuck line length of the 161 drill is 8 3/8".

features

Die cast aluminum housing, fully polished.

Three-jaw geared chuck, threaded on spindle.

Trigger type switch with locking device.

Sealed ball bearings.

Positive cord clamp with spring protector.

Cord — rubber covered, three wire, with ground connection.

chuck guard

These drills are equipped with a removable chuck guard (SA-541) to protect the operator and finished work from contact with the chuck when in operation. A bearing retaining ring is supplied with each drill to replace chuck guard when it is removed.

specifications

Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity		voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
160	5/16" in steel	1⅛" in wood	115, 125, 150, 200, 230 or 250 as specified	1000 no load 600 full load	11¾"	6 lbs.	7½ lbs.
161					10⅝"	5¾ lbs.	7¼ lbs.

Accessories for these drills on pages 16 to 18.

electric drills

standard duty

No. 163

3/8" — "D" handle

Heavy powered 3/8" drill for manufacturers of railroad coaches, truck bodies, and trailers, for service men and repair work in factories. Cuts 3/8" in mild steel, 1 1/8" or better in soft wood, other materials in proportion. Use drill stand

No. 165

3/8" — drop handle

No. 526 with No. 163 drill and No. 527 with No. 165 drill (page 16). Both drills have a highly polished finish.
The chuck line length of the 165 drill is 9 1/4".

features

Die cast aluminum housing, fully polished.

Three-jaw geared chuck, threaded on spindle.

Trigger type switch with locking device.

Sealed ball bearings.

Positive cord clamp with spring protector.

Cord — rubber covered, three wire, with ground connection.

chuck guard

These drills are equipped with a removable chuck guard (SA-542) to protect the operator and finished work from contact with the chuck when in operation. A bearing retaining ring is supplied with each drill to replace chuck guard when it is removed.

specifications

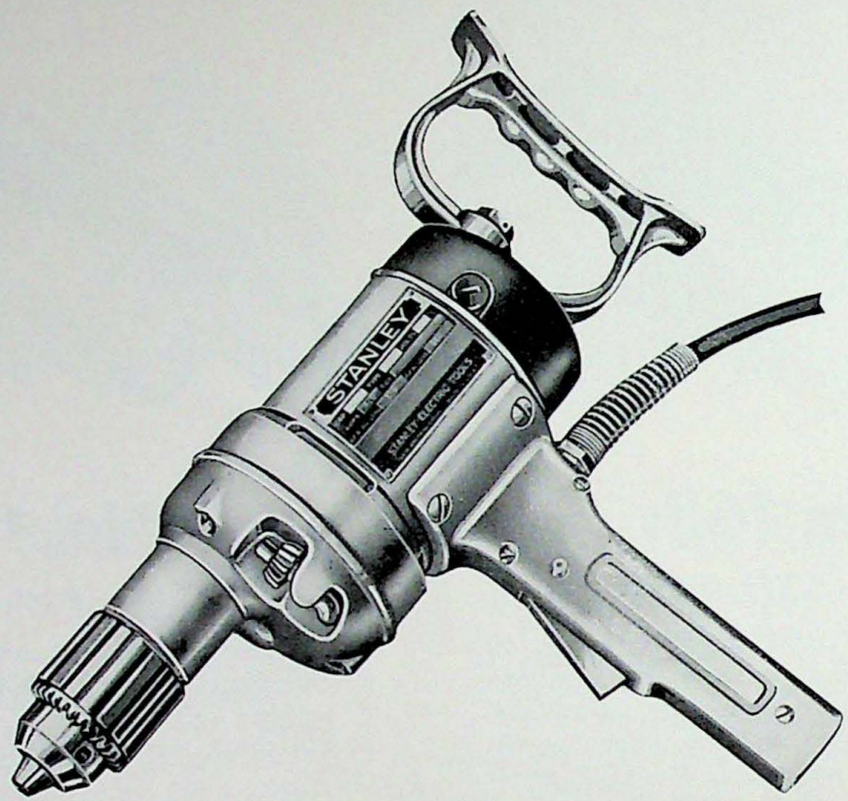
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity		voltages	chuck speed r.p.m.	length overall	net weight	shipping weight
163	3/8" in steel	1 1/8" in wood	115, 125, 150, 200, 230 or 250 as specified	850 no load 500 full load	12 1/2"	7 1/4 lbs.	8 3/4 lbs.
165					11 3/8"	7 lbs.	8 1/2 lbs.

Accessories for these drills on pages 16 to 18.

STANLEY

electric drill



No. 382

3/8" heavy duty

The slow spindle speed and powerful motor make this heavy duty 3/8" drill especially valuable for millwrights, structural workers, and others who work in wood and metal drilling. Equipped with combination spade and breast plate handle. Use drill stand No. 533 (page 16) with this drill.

features

- Gears — alloy steel, specially heat treated.
- Sealed ball bearings on motor shaft.
- Thrust ball bearing on spindle.
- Strong aluminum alloy housing.
- Automatic release safety switch with locking device.
- Combination spade and breast plate handle removable for close work, or adjustable to suit operator.
- Three-jaw geared chuck.
- Chuck key held in gear housing.
- Cord — rubber covered three-wire with ground connection.

specifications

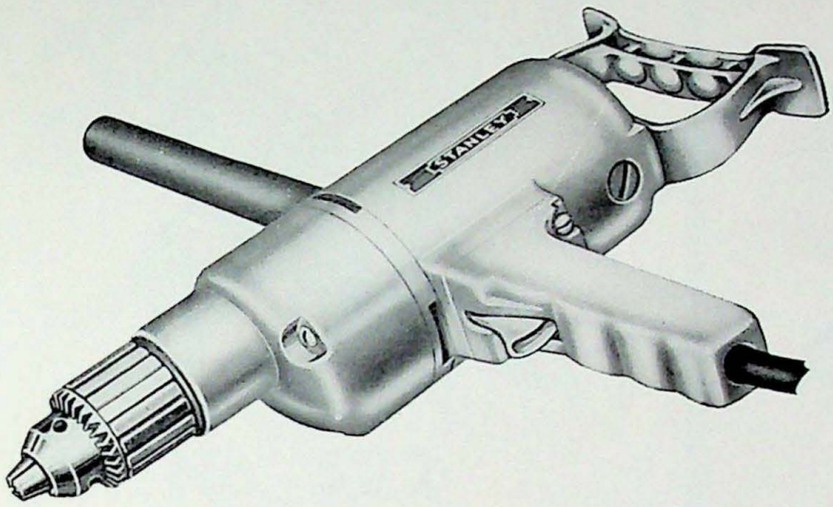
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

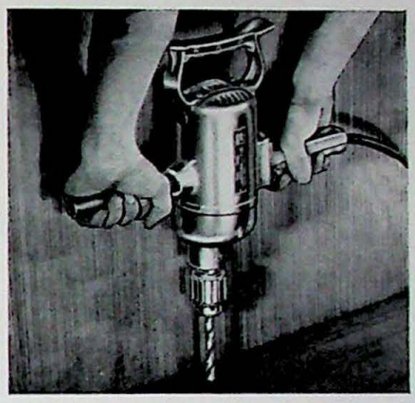
type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
382	3/8" in steel 1 1/8" in wood	115, 125, 150, 200, 230 or 250 as specified	800 no load 600 full load	16" with handle 11 3/8" without handle	13 lbs.	16 lbs.

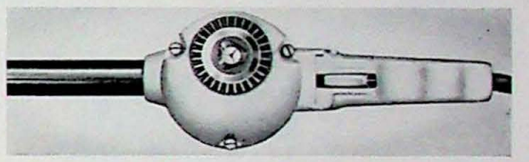
Accessories on pages 16-18.

electric drill

STANLEY







No. 112

½" special

Special, general purpose drill. Built to specifications which insure long service for contractors, automotive mechanics, plumbers and other servicemen who need a ½" drill for wood and metal drilling. Note chuck spindle offset which permits the operator to drill in close quarters without removing pipe or spade handles. (See illustration showing chuck offset.) Ideal for hole saw work. Use drill stand No. 524 (page 16). Can be used in No. 525 stand, mounted on bench, for horizontal work.

features

Gears — alloy steel, heat treated.

Radial thrust ball bearing on spindle.

Strong aluminum alloy housing, fully polished.

Automatic release safety switch with locking device.

Heavy rubber covered three-wire cord with ground connection.

Three-jaw geared chuck.

Combination spade and breast plate handle. Removable.

specifications

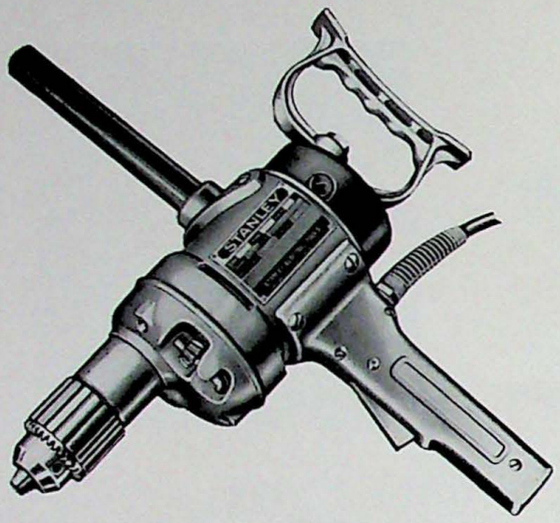
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
112	½" in steel 13/16" in wood	115, 125, 150, 200, 230 or 250 as specified	325 no load 225 full load	15¼" with handle 12½" without handle	9¾ lbs.	14 lbs.

Accessories on pages 16-18.

New Britain, Conn., U. S. A.

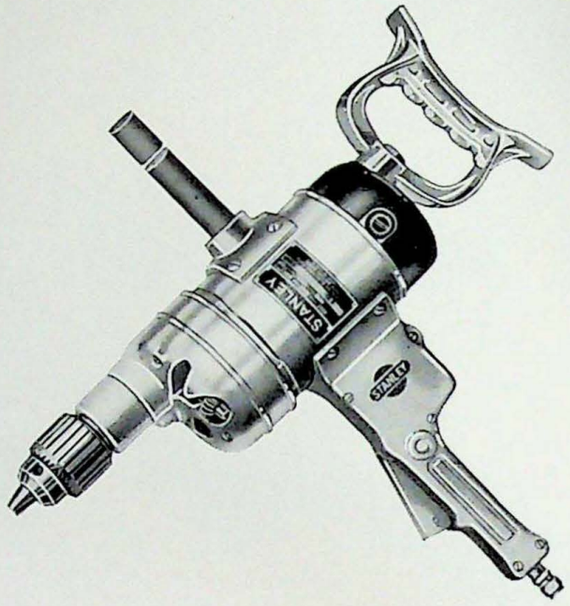
STANLEY electric drills



No. 121

½" standard duty

A practical, well balanced, ball bearing drill — the first choice of farmers, builders, automotive mechanics and production men who want a drill that will give top performance on every job. Powerful, lightweight, this drill can be used for wood and metal drilling, and for hole saw work. Its sturdy construction and plus-powered motor insure long service. In No. 533 drill stand (page 16), it can be used for heavy bench drilling of all kinds.



No. 122

½" heavy duty

Rugged, general purpose drill for heavy construction, repair and production work. It is powerful, sturdy, well balanced and easy to handle. Used in Stanley drill stand No. 535 (page 16). It provides an efficient drill press for all kinds of heavy bench drilling.

features

Gears — alloy steel, specially heat treated.

Sealed ball bearings on motor shaft.

Thrust ball bearings on spindle.

Strong aluminum alloy housing.

Automatic release safety switch with locking device.

Chuck key held in gear housing.

Heavy rubber covered three-wire cord with ground connection.

Combination spade and breast plate handle, can be removed.

Pipe handle is detachable as is also the pipe handle base which permits use of the drill for close quarter work.

specifications

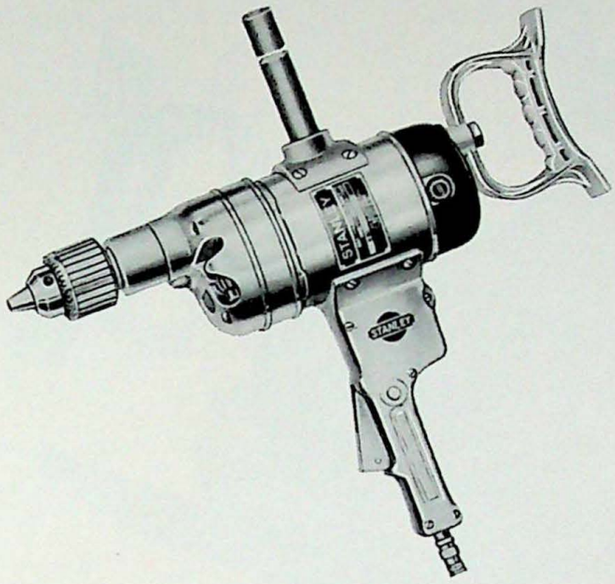
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
121	½" in steel 1⅜" in wood	115, 125, 150, 200, 230 or 250 as specified	550 no load 380 full load	15½" with handle 13½" without handle	13 lbs.	17 lbs.
122	½" in steel 1½" in wood		500 no load 385 full load	19¼" with handle 16" without handle	20½ lbs.	26 lbs.

Accessories on pages 16-18.

electric drills

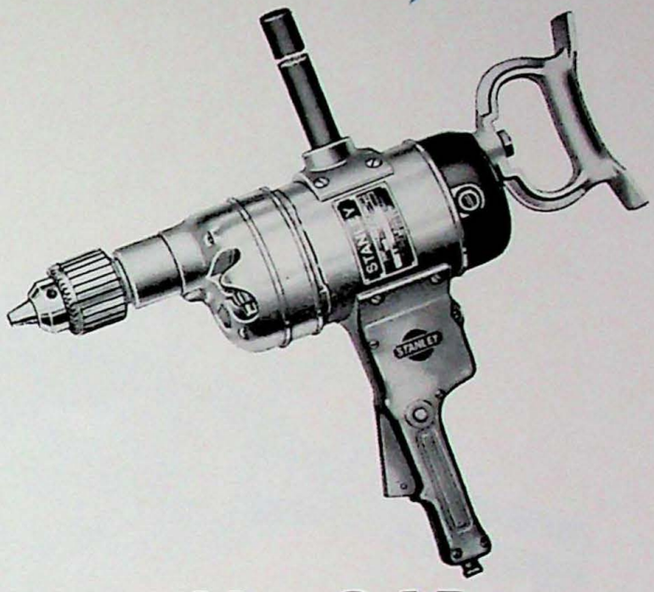
STANLEY



No. 582

5/8" heavy duty

Rugged, general purpose drill for heavy construction, repair and production work. It is sturdy, powerful, well balanced and easy to handle. Used in drill stand No. 535 (page 16), it provides an efficient drill press for all kinds of bench drilling.



No. 345

3/4" heavy duty

Sturdy, compact and powerful drill, easy to handle because of balance and weight. A general purpose drill built for contractors, automotive mechanics, plumbers, heating and ventilating contractors and for plant maintenance men. Use drill stand No. 535 (page 16) to convert to a drill press.

features

Gears — alloy steel, heat treated.

Sealed ball bearings on motor shaft.

Thrust ball bearings on spindle.

Strong aluminum alloy housing.

Automatic release safety switch with locking device.

Heavy rubber covered three-wire cord with ground connection.

Chuck — heavy duty, three jaw, geared.

Chuck key held in gear housing.

Combination breast plate and spade handle can be removed, or adjusted to suit operator.

Pipe handle is detachable as is also the pipe handle base which permits use of the drill for close quarter work.

specifications

Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

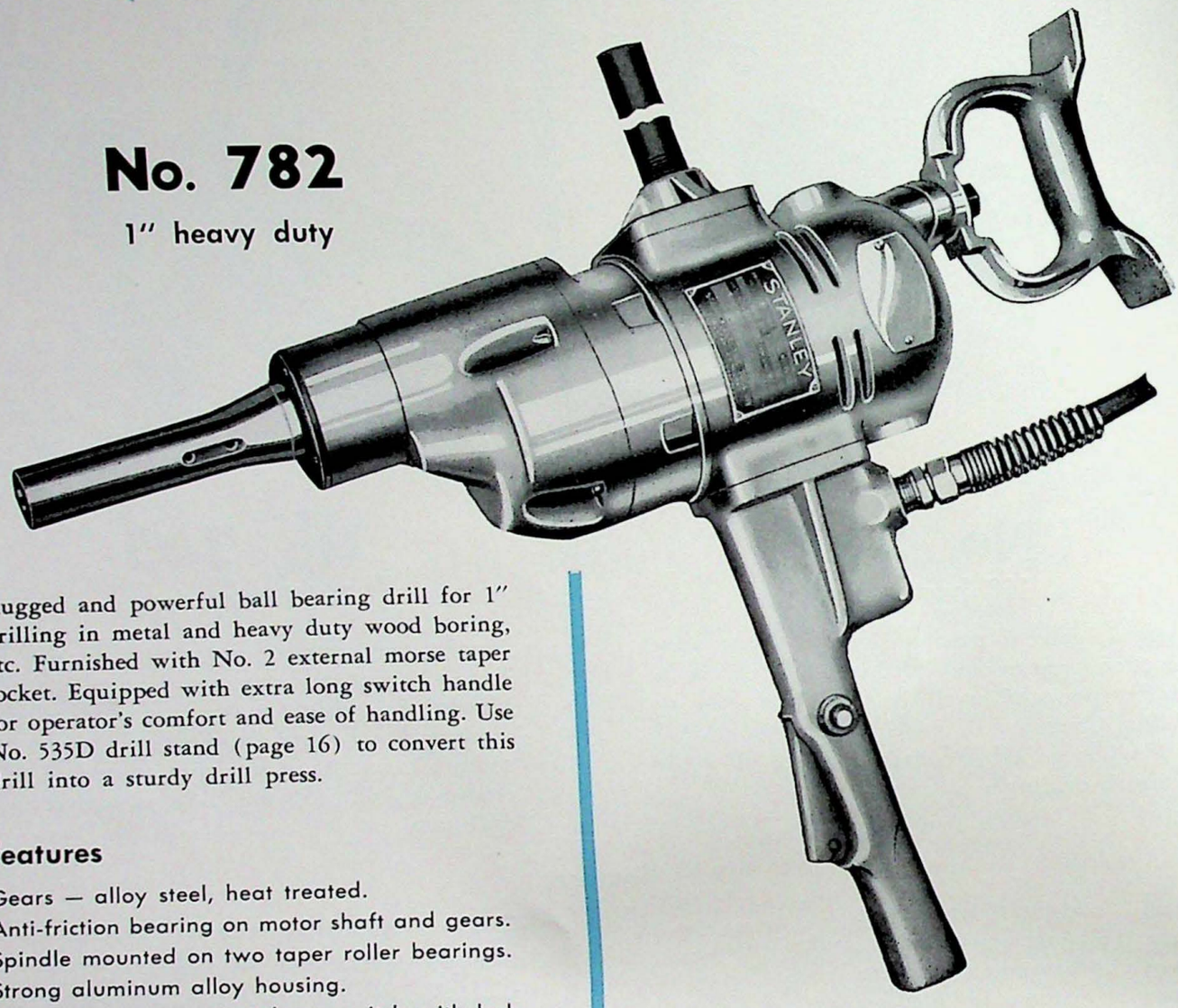
type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
582	5/8" in steel 1 5/8" in wood	115, 125, 150, 200, 230 or 250 as specified	420 no load 290 full load	18 1/2" with handle 16" without handle	19 1/4 lbs.	26 lbs.
345	3/4" in steel 1 3/4" in wood		310 no load 200 full load	19 1/4" with handle 16 1/4" without handle	20 lbs.	27 lbs.

Accessories on pages 16-18.

STANLEY electric drill

No. 782

1" heavy duty



Rugged and powerful ball bearing drill for 1" drilling in metal and heavy duty wood boring, etc. Furnished with No. 2 external morse taper socket. Equipped with extra long switch handle for operator's comfort and ease of handling. Use No. 535D drill stand (page 16) to convert this drill into a sturdy drill press.

features

Gears — alloy steel, heat treated.

Anti-friction bearing on motor shaft and gears.

Spindle mounted on two taper roller bearings.

Strong aluminum alloy housing.

Heavy duty automatic release switch with locking device.

Heavy duty rubber covered three-wire cord with ground connection.

Combination spade and breast plate handle is removable, or adjustable to suit operator.

Pipe handle is detachable as is also the pipe handle casting which permits the use of this drill for close quarter work.

specifications

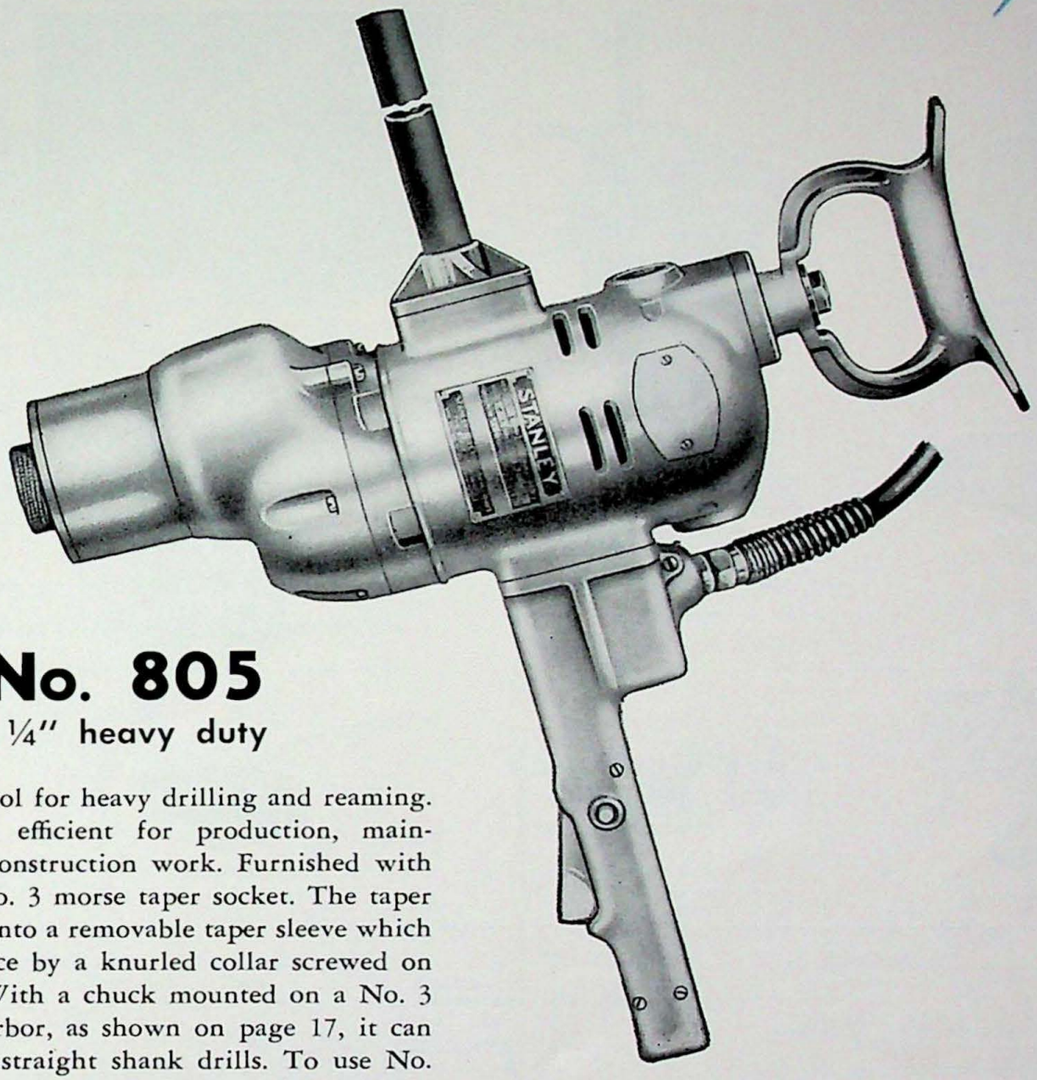
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
782	1" in steel 2" in wood	115, 125, 150, 200, 230, or 250 as specified	375 no load 250 full load	24" with handle 19½" without handle	33 lbs.	37 lbs.

Accessories on pages 16-18.

electric drill

STANLEY



No. 805

1¼" heavy duty

A powerful tool for heavy drilling and reaming. Practical and efficient for production, maintenance and construction work. Furnished with an internal No. 3 morse taper socket. The taper shank bit fits into a removable taper sleeve which is held in place by a knurled collar screwed on the spindle. With a chuck mounted on a No. 3 morse taper arbor, as shown on page 17, it can be used with straight shank drills. To use No. 805 as a drill press, use drill stand No. 536E (page 16).

features

Gears — alloy steel, heat treated.

Full anti-friction bearing motor shaft and gears.

Spindle mounted on two taper roller bearings.

Strong aluminum alloy housing.

Heavy duty automatic release safety switch with locking device.

Rubber covered three-wire cord with ground connection.

Combination spade and breast plate handle is removable, or adjustable to suit operator.

Pipe handle is detachable as is also the pipe handle casting which permits the use of the drill for close quarter work.

specifications

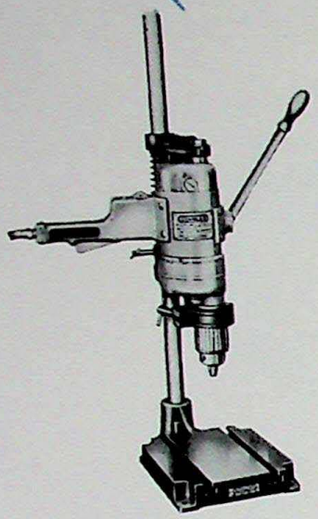
Motor: universal type — operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	chuck speed r.p.m.	length	net weight	shipping weight
805 with No. 3 taper socket	1¼" in steel 2¼" in hardwood	115, 125, 150, 200, 230, or 250 as specified	200 no load 125 full load	19¾" with handle 15" without handle	31 lbs.	41 lbs.

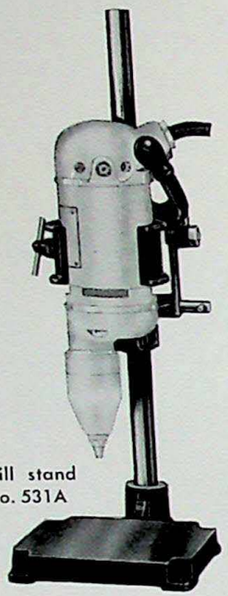
When ordering this drill with reversing switch, specify No. 806 — furnished as special only.

Accessories on pages 16-18.

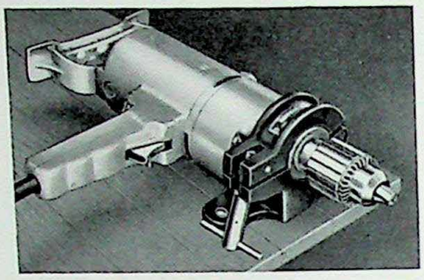
drill stands



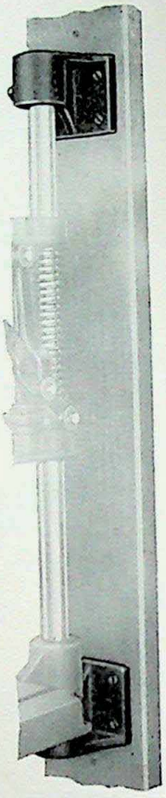
drill stand
no. 535



drill stand
no. 531A



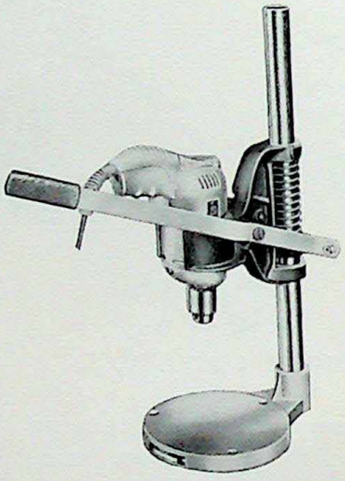
horizontal stand
no. 525



wall brackets
convert bench
stands to post
stands

drill stand no. 530

drill stand
vise no. 193



drill stand
no. 514

type	used with drills	used with screw drivers	column	maximum feed	max. distance chuck to base	shipping weight
no. 514 stand	14, 24, 24A		18″ x 1″	2½″	9¾″	9 lbs.
no. 524 stand	112		29½″ x 1¼″	3⅝″	15½″	33½ lbs.
no. 525 horizontal	112					4½ lbs.
no. 526 stand	160, 163, 164, 168		22″ x 1″	2½″	11″	25 lbs.
no. 527 stand	161, 165, 166, 169		22″ x 1″	2½″	11″	25 lbs.
no. 530 horizontal	114, 140, 142	*02, 1, 2,				5 lbs.
no. 531A stand	140, 142, 114, 381, 562	*02, 31, 32	22″ x 1″	2½″	11″	25 lbs.
no. 533 stand	382, 121		30″ x 1¼″	4″	13″	55 lbs.
no. 535 stand	122, 582, 345		36″ x 1½″	4″	16″	66 lbs.
no. 535D stand	782		43½″ x 1⅞″	4″	20″	105 lbs.
no. 536E stand	805		43½″ x 1⅞″	4″	**24″	105 lbs.

*Used with adapter No. 547. (not furnished). **From lower end of morse taper socket to base.

wall brackets

These brackets convert your Stanley stand into a post stand. Sold in pairs — one for top and one for bottom of column.

No. 3 for stand No. 533. } shipping weight
No. 5 for stand No. 535. } 10¾ lbs. per pr.

No. 5X for stands Nos. 535D, 536E —shipping weight per pair, 33¾ lbs.

drill stand vise No. 193

Used with Stanley drill stands to hold work in position while drilling. Round work is held rigid and parallel by V groove in front jaw. Tapered pieces and irregular shapes are securely held by removable swivel jaw. Jaws 2⅜″ wide, open to 3″. Shipping weight, 5 lbs.

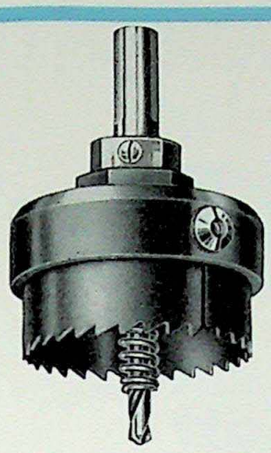
drill stand No. SA-476

Horizontal drill stand for 14, 24 and 24A drills. Shipping weight, 2 lbs.

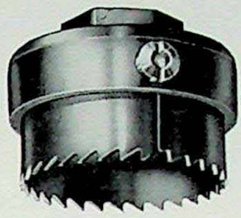
hole saws

STANLEY

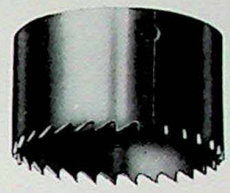
for use with ½", ⅝" and ¾" electric drills



hole saw complete — 590A



holder, saw blade, screw and nut — 592A



saw blade only

mandrel

Stanley high speed steel hole saws cut clean round holes in any material that can be cut with a hack saw. The saw blades which are made of the finest high speed alloy steel cut faster, cleaner and last longer than those of ordinary steel. The saw blade holders are made of malleable iron with the sides and the bottom milled true. An improved locking device firmly fastens the saw blade against the side and bottom of the holder.

specifications — to cut ⅞" deep

No. 590A — Hole saw complete, indicate size.

No. 592A — Holder, blade, screw and nut. Indicate size.

No. S6387 — ¼" pilot drill.

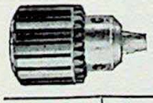
Mandrel No. 593A — For ¾" to 1⅛" saws.

Mandrel No. 594A — For 1¼" to 3½" saws.

saw blade only	saw size	teeth per in.	amer. standard taper pipe tap size	conduit size
P5493	¾"	10	....	⅜"
P5494	⅞"	10	¾"	½"
P5495	1"	10	....	....
P5496	1⅛"	8	1"	¾"
P5497	1¼"	8	....	....
P5498	1⅜"	8	....	1"
P5499	1½"	8	1¼"	....
P5500	1¾"	8	1½"	1¼"

saw blade only	saw size	teeth per in.	amer. standard taper pipe tap size	conduit size
P5501	2"	6	....	1½"
P5502	2¼"	6	2"	....
P5503	2½"	6	....	2"
P5504	2¾"	6	....	....
P5505	2⅞"	6	....	....
P5506	3"	6	....	2½"
P6547	3¼"	6	3"	....
P5507	3½"	6	....	....

Stanley drill chucks



gear type chucks

Three-jaw gear type chuck with chuck key. For Stanley electric drills.

chuck no.	capacity	thread	chuck key no.	for drills nos.
MS404	¼"	⅜ – 24	S8357	114, 24, 24A
MS7	¼"	½ – 20	S8357	140, 164, 166, 168, 142, 169
MS9	5⁄16"	½ – 20	S8792	160, 161, 562
MS10	⅜"	½ – 20	S8793	163, 165, 381
MS11	⅜"	⅝ – 16	S5095	382
MS590	½"	½ – 20	S7105	112
MS12	½"	⅝ – 16	S5073	121, 122
MS5	⅝"	⅝ – 16	S5073	582
MS13	¾"	⅝ – 16	S5114	345
MS853	¾"	¾ – 16	S7624	342, 782

keyless type three-jaw chuck

Special equipment on Stanley electric drills. Specify drill on which chuck is to be used.

chuck no.	capacity	thread	for drills nos.
MS14	¼"	⅜ – 24	114, 24, 24A
MS15	¼"	½ – 20	164, 166, 168, 169
MS16	5⁄16"	½ – 20	562, 160, 161
MS17	⅜"	½ – 20	381, 163, 165
MS18	⅜"	⅝ – 16	382
MS19	½"	⅝ – 16	121, 122

chucks mounted on morse taper arbors

GA97 ½" cap. chuck mounted on No. 2 morse taper arbor.

GA98 ½" cap. chuck mounted on No. 3 morse taper arbor.

GA99 ⅝" cap. chuck mounted on No. 2 morse taper arbor.

GA100 ⅝" cap. chuck mounted on No. 3 morse taper arbor.

GA101 ¾" cap. chuck mounted on No. 2 morse taper arbor.

GA102 ¾" cap. chuck mounted on No. 3 morse taper arbor.

External collets for replacing three-jaw chucks.

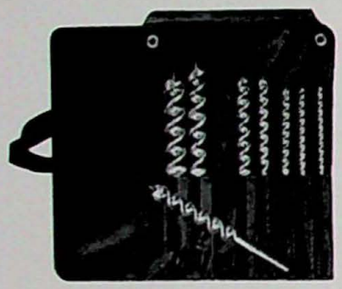
collet no.	thread	size of collet	fits drills nos.
S5126	⅝ – 16	No. 2 morse taper	121, 122, 582, 345
S7916	¾ – 16	No. 2 morse taper	342, 782
S7917	¾ – 16	No. 3 morse taper	342, 782

attachments for drills and grinders

auger bits in sets

for use with portable electric drills

Stanley auger bits have been designed especially for use with portable electric drills. Because of the speed of an electric drill, the auger bits are made more true than ordinary bits. They can be used in any electric drill having a chuck capacity of ¼" or more.



Set No. 555

Eight bits, one each ¼, 5/16, ⅜, ½, ⅝, ¾, ⅞ and 1 inch. Shipping weight 2 lbs.

auger bits

bit no.	size	packing
MS285	¼"	½ doz. to a box
MS286	5/16"	"
MS287	⅜"	"
MS288	½"	"
MS289	⅝"	"
MS290	11/16"	"
MS291	¾"	"
MS292	⅞"	"
MS293	1"	"

feed screw No. 541

For drills Nos. 382, 121, 122, 582, 345, 342, 782, 805, and 781A to give regulated pressure feed. It is used with an "old man" or other brace where it is impossible to apply sufficient pressure with the spade handle. Shipping weight 1½ lbs.

arbors

Used to hold grinding, buffing and wire brush wheels with ⅜" or ½" holes in drill chucks. The wheels can be easily interchanged by removing one nut.

No. 542—¼" shank—⅜" wheel bore
No. 552—½" shank—½" wheel bore

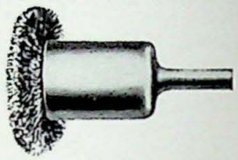
carbon removing brushes

Used generally for removing carbon from automobile cylinder heads; however, they are also used for removing rust, paint, burrs, etc.

MS294. Small size. ¾" dia. ¼" shank.
MS296. Large size. 1" dia. ¼" shank.

MS297 flare brush
1½" dia. — ¼" shank

For getting into corners and out-of-the-way places.



wire wheel brushes

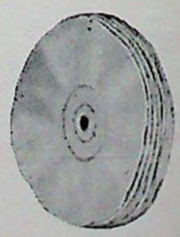
For removing paint, cleaning metal and other scratch brush work. Adapters included with brush.

wire wheel brushes				adapters	
no.	diam. of brush	width of brush	diam. of hole	adapter no.	adapter arbor hole size
MS300	4"	1"	⅜ or ½	MS-1349	⅜
MS303	6"	1¼"	½ or ⅝	MS-1296	½
				MS-308	⅝
MS304	8"	1½"	arbor hole	MS-309	¾
MS305	10"	2"	adapters	MS-310	⅞
MS306	12"	2¼"	furnished for	MS-311	1
			⅝, ¾, ⅞,	MS-312	1⅛
			1, 1⅛, 1¼,	MS-313	1¼
			1⅜, 1½, 1¾	MS-314	1⅜
				MS-315	1½
				MS-316	1¾

When ordering state number of adapter required.

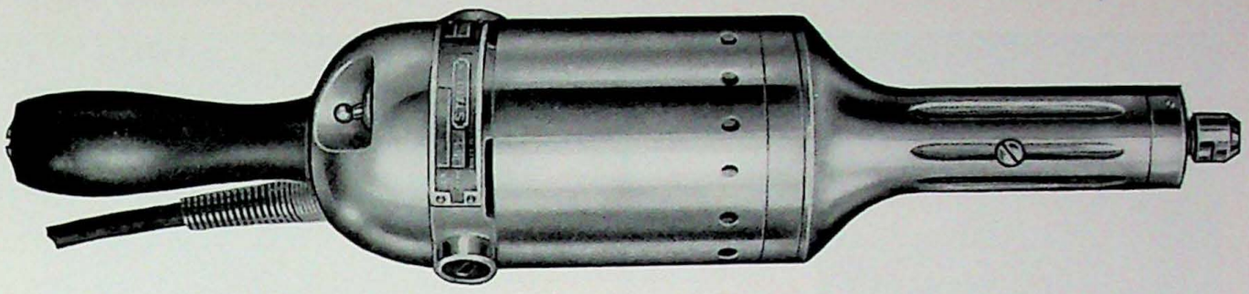
cloth buffing wheel No. MS301

A cotton rag wheel adapted for all kinds of light buffing work. Size — Diameter 6 in.; Thickness ½ in.; Diameter of hole ½ in.



portable grinder

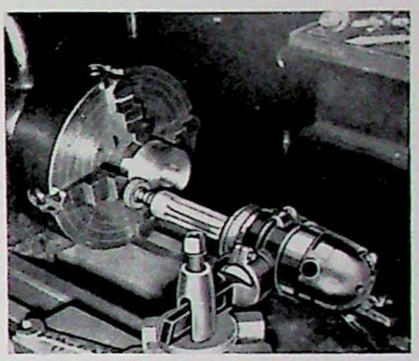
STANLEY



No. 153A

⅜ h.p., 18,000 r.p.m.

Light in weight, this grinder has a nice balance and is ideally suited for free hand grinding. It can also be fastened in a lathe, milling machine or shaper with a motor holder GA-25 (available as accessory) for external or internal grinding on dies, punches, special machine parts, spiral cutters, lathe centers, etc., metal cutting in non-ferrous metals. The ⅜ H.P. universal motor provides ample power to drive grinding wheels up to 1½″ x ½″. (However, larger wheels can be used for special work but the abrasive wheel manufacturer should be consulted for his recommendation on grade and bond of wheels to use.) Motor unit is air cooled and is housed in an aluminum shell, fully polished. Spindle housing is fully enclosed and fluted for a comfortable grip.



stanley grinder in holder for use in lathe.

stanley grinder used free hand to grind dies.

features

Motor — ⅜ h.p. direct drive, mounted on ball bearings. Universal type operates on D.C. or A.C., 60 cycles or less.

Motor housing — aluminum shell, fully polished. Conveniently located toggle switch in protective recess.

Spindle mounted on ball bearings. Flexible coupling connects spindle to armature shaft.

Specify 153A and the following will be furnished: Grinder with ¼″ chuck, 2 chuck wrenches, pin for holding spindle when removing chuck, heavy rubber covered three-wire cord with ground connection, and handy metal carrying case.

specifications

type no.	chuck capacity	voltages	no load speed	length	net weight	shipping weight
153A	¼″	115, 125, 150, 200, 230, or 250 as specified	18,000 r.p.m.	11¾″	5 lbs.	12½ lbs.

accessories for 153A grinder

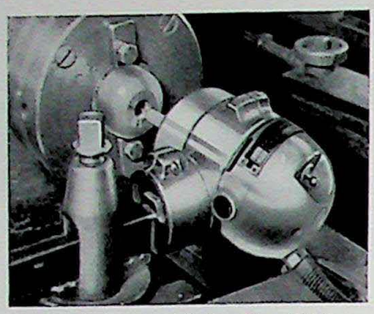
No. GA-25 tool post motor holder
No. 686 round shank for GA-25
Nos. G2 and GA-69 arbors

Adapters for use in chuck for following shanks: S6691—⅛″, S6683—3/16″. (page 85)

Grinding wheels and rotary files for use with No. 153A grinder shown on pages 79-80.

New Britain, Conn., U. S. A.

portable tool room grinder

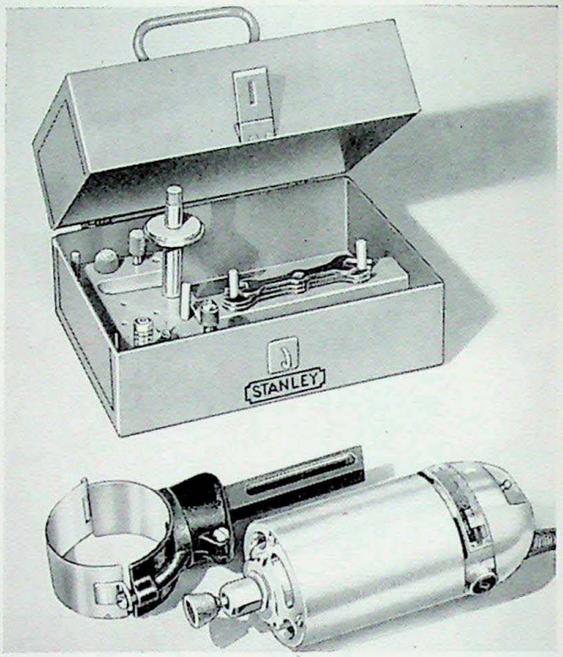


Tool Room Grinder No. 585D grinding a special machine part.

No. 585D

½ h.p., 20,000 r.p.m.

Built into this efficient grinder is a universal motor which provides a maximum output of ½ h.p. That means ample power for a wider range of usefulness than is possible with the small portable grinders heretofore available. The Stanley tool room grinder will run a 1½" x ½" emery wheel and do a real grinding job. (Larger wheels can be used, but the abrasive wheel manufacturer should be consulted on grade and bond of wheel to be used.) Fastened in various positions in a milling machine, shaper, lathe or Stanley bench stand, it can be used for external or internal grinding on dies, punches, special machine parts, spiral cutters, lathe centers, etc., metal cutting in non-ferrous metals, and also as an aerial grinder for free hand grinding.



features

Push button shaft lock.

Chuck, arbor or internal grinding spindle can be quickly and easily screwed on to motor shaft.

Special ball bearings sealed against dust, factory lubricated for life of bearing.

20,000 r.p.m. (no load) direct drive.

Aluminum alloy housing — strong, sturdy and compact.

Conveniently located toggle switch, in protective recess.

Rubber covered 3-wire cord with ground connection.

Specify 585D and the following will be furnished:

1 motor unit No. 8, with cord
1 round shank No. 686 for GA-25
1 arbor No. GA-2
2 grinding wheel flanges No. S6684
1 emery wheel 1½" x ⅜" x 5/16" No. MS201
1 straight pencil wheel ¼" x ¾" MS277
1 straight pencil wheel ½" x ¾" MS196
1 taper cup pencil wheel 1" dia. MS276
1 1106 — ¼" metal cutting bit
1 tool post motor holder No. GA-25
1 internal grinding arbor No. GA-3
1 emery wheel No. C1690B
1 emery wheel ½" x ½" x ¼" for internal grinding No. MS206
1 round end pencil wheel ¾" dia. No. MS275
2 wrenches (1 No. P4005 and 1 No. P4009)
1 metal carrying case No. EPM-280
1 dust guard P-6295

specifications

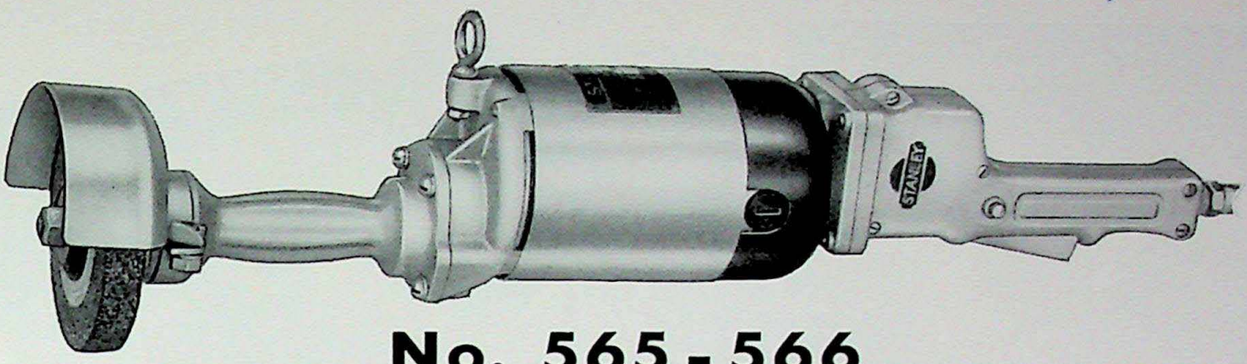
Motor: ½ h.p. universal type operates on either D.C. or A.C., 60 cycles or less.

type no.	chuck capacity	voltages	no load speed	length	net weight (motor unit)	shipping weight complete unit
585D	¼" shank	115, 125, 150, 200, 230 or 250 as specified	20,000 r.p.m.	5¾"	5½ lbs.	15 lbs.

For other accessories see pages 28, 79 and 80.

portable grinders

STANLEY



No. 565 - 566

Indispensable tools for grinding welds in tanks, boilers and large castings, for cleaning molds, for removing rust, scale paint, etc., for snagging castings and for grinding work too large to be taken to a bench grinder.

No. 565. 5″ wheels—ball bearing—a heavy duty tool for rough grinding work in foundries, machine shops, body shops, railroad shops, etc.

No. 566. 6″ wheels—ball bearing—a larger and more powerful tool than No. 565. It will take care of practically any job requiring a portable grinder.

features

Strong aluminum alloy housings.

Motor is mounted on sealed bearings which retain the lubricant and exclude dust or grit.

Spindle supported by single and double ball bearing (double bearing on wheel end).

Coarse grain wheel — high grade abrasive.

Gears — alloy steel heat treated.

Automatic release safety switch with locking device.

Heavy rubber covered three-wire cord with ground connection.

An eyebolt at point of balance is provided for spring suspension.

Safety steel wheel guard.

specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less. Specify number and voltage desired.

type no.	speed r.p.m.	voltages	diameter	wheels thickness	arbor hole	length overall	net weight	shipping weight
565	4500 no load 3300 full load	115, 125, 150, 200, 230, 250 as specified	5″	¾″	½″	22¾″	16 lbs.	25 lbs.
566	3500 no load 2600 full load		6″	1″	⅝″	25¼″	24 lbs.	31 lbs.

accessories for portable grinders

grinding wheels

Coarse grain, high grade bonded abrasive. (see page 28)

MS-39 for No. 565 grinder.

MS-40 for No. 566 grinder.

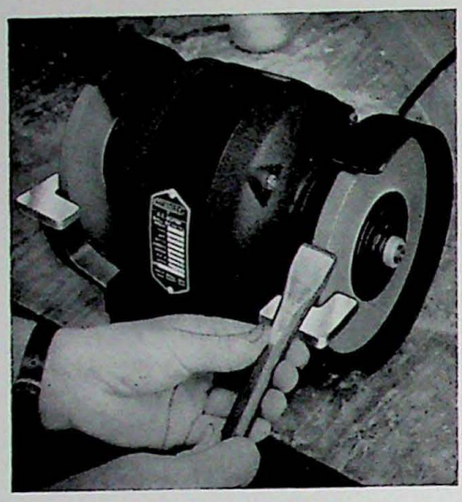
suspension spring

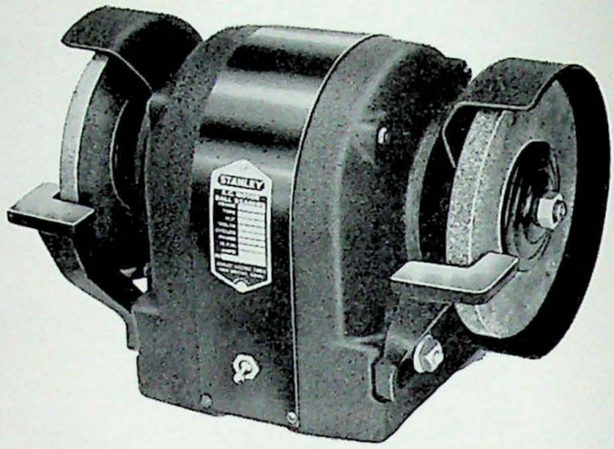
SP97 for both grinders — for suspending grinders. Relieves operator of weight of tool. Shipping weight 2 lbs. (see page 46)

Wire brushes are illustrated on page 18.

STANLEY

bench grinder





No. 56

¼ h.p. ball bearing — 6" x ½" wheels

Smooth running ¼ h.p. ball bearing grinder for light grinding, sharpening tools, buffing, polishing and wirebrush work. Compact in size, it takes little space on the work bench. It is well suited for use in garages and in any shop where a bench grinder is required.

features

Motor ¼ h.p., constant speed induction type.

Heavy steel wide wheel guards, adjustable tool rests. Guards permit use of wire wheel brushes and can be drilled for mounting of Stanley safety eyeshields No. 569 (order as extra equipment). Guards are adjustable to permit grinding at any point on wheel circumference.

Full ball bearing — bearings enclosed against dirt and grit.

Switch — toggle type enclosed in moulded case — conveniently located on front of grinder.

Furnished complete with three-wire rubber covered cord with ground connection; rubber feet; grinding wheels 6" x ½" (one coarse and one fine); wheel guards and tool rests.

specifications

Voltage: A.C. only 50-60 cycles, single phase: 110-115 volts, 220-230 volts.
Specify voltage desired.

type no.	speed r.p.m.	dia.	wheels thickness	arbor hole	length	base	net weight	shipping weight
56	2850-50 cycles 3450-60 cycles	6"	½"	½"	12"	6"x6½"	34 lbs.	38 lbs.

accessories available for No. 56 grinder

Safety eyeshields No. 569 (see page 29). For wire wheel brush see page 18. Grinding wheels No. MS35 (fine) and No. MS36 (coarse). (Page 28.)

bench grinder

STANLEY

No. 266

¼ h.p. ball bearing

6" x ⅝" wheels

A sturdy, smooth running ¼ h.p. ball bearing grinder for general shop use—particularly suited for use in garages or factories for light grinding, sharpening tools, general grinding, buffing, polishing and wirebrush work.

features

Motor ¼ h.p., constant speed induction type.

Full ball bearing — bearings enclosed against contamination by dirt and grit.

Safety type, wide wheel guards, adjustable tool rests. Wide guards permit use of wire wheel brushes. Guards drilled for mounting of Stanley eyeshields No. 569, No. 600 or No. 628 (order as extra equipment). Guards adjustable for grinding at any point on wheel circumference.

Switch — toggle type enclosed in moulded case — located in base of grinder.

Note — extended frame permits large working area around grinding wheel.

Furnished complete with three-wire rubber covered cord with ground connection; rubber feet; grinding wheels 6" x ⅝" (one coarse and one fine); wheel guards and tool rests. End wheel guard covers, No. C-1761, can be furnished as accessories.

specifications

Voltages: A.C. only, 50-60 cycles single phase: 110-115 volts, 125 volts, 150 volts, 220-230 volts. Specify voltage desired.

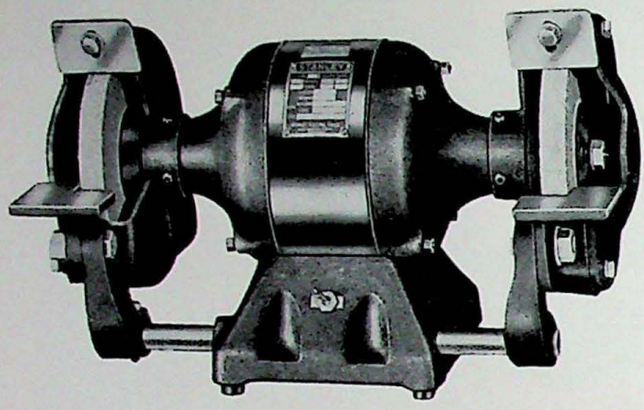
type no.	speed, r.p.m.	diam.	wheels thickness	arbor hole	length	base	net weight	shipping weight
266	2850 — 50 cyc. 3450 — 60 cyc.	6"	⅝"	½"	14⅞"	7¼"x8"	40 lbs.	44 lbs.

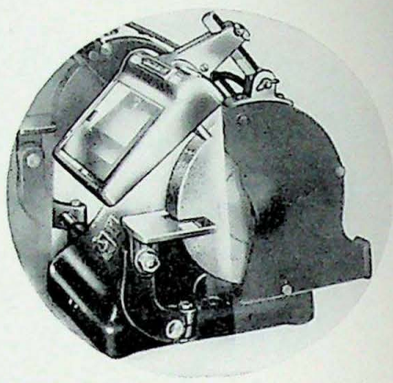
accessories available for No. 266 grinder.

End wheel guard covers No. C1761.
"Flud-lite" safety eyeshields Nos. 600, 628. (page 29).
Safety eyeshield No. 569.
Grinding wheels No. MS1402 (fine) and No. MS1401 (coarse).
Pedestal No. 560.
For grinding wheels and pedestal see page 28.
For wire wheel brushes see page 18.

STANLEY

bench grinder





"flud-lite" eyeshields can easily be attached to this grinder.

No. 286

1/3 h.p. heavy duty ball bearing — 6" x ¾" wheels

1/3 h.p. heavy duty, ball bearing grinder — 6" x ¾" wheels, capacitor start, induction run motor, for heavy duty work. Safety type wide wheel guards with 90-degree openings enclose the wheels. Guards allow grinding at any point on wheel circumference. Guards are supplied with exhaust outlets and spark shields and are wide enough to permit use of wire wheel brushes. Drilled to take Stanley eyeshields. End covers are fastened securely to the guards and are easily removed.

Three-way tool rests — mounted on rigid cross bar — adjustable for height, angle and distance to wheel.

Heavy duty switch enclosed in moulded case.

Furnished complete with: heavy rubber covered cord with ground connection (no cord furnished with three phase grinders); rubber feet; two 6" x ¾" grinding wheels (one coarse and one fine); and two adjustable tool rests.

specifications

Voltages: A.C. single phase: 110-115 volts, 50-60 cycles; 220-230 volts, 50-60 cycles; 3 phase, 208-220/440 volts, 50-60 cycles, 550 volts, 50-60 cycles; D.C. 115 volts or 230 volts. Switch but no cable furnished on 3 phase grinders. Specify class number, current, voltage and cycles.

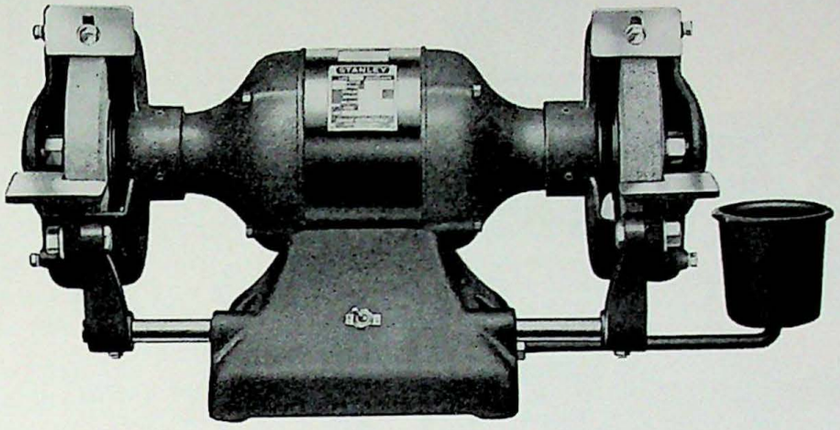
type no.	speed, r.p.m. at 60 cycles	diam.	wheels thickness	arbor hole	length	base	net weight	shipping weight
286	3600 no load 3450 full load	6"	¾"	½"	18"	7⅛"x8⅜"	56 lbs.	62 lbs.

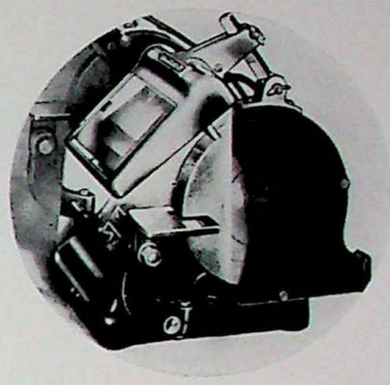
accessories for No. 286 grinder

Pedestal No. 560 "Flud-lite" safety eyeshields No. 600 or 628.
Safety eyeshields No. 569. Grinding wheels Nos. MS-378 (fine) and MS-379 (coarse).
For wire wheel brushes see page 18. For descriptions of other accessories see page 28 and 29.

bench grinder

STANLEY





"flud-lite" eyeshields can easily be attached to this grinder.

No. 257

½ h.p. heavy duty ball bearing — 7" x 1" wheels

Capacitor start, induction run motor, ½ h.p. — for production grinding and wire brush work. Extra large ball bearings in sealed compartment. Extra wide wheel guards with 90° openings, standard exhaust outlets and spark shields, enclose the wheels. Adjustable for grinding at any point on wheel circumference. Wide guards permit use of wire wheel brushes. Drilled to take Stanley eyeshields. End covers fastened securely to guards and may be easily removed. Tool rests are adjustable three ways—for height, angle and distance to wheel. Mounted on rigid bar. Large size, conveniently located water pot. Heavy duty switch enclosed in moulded case. No. 257 grinder furnished complete with: heavy rubber covered three-wire cord with ground connection (no cord furnished on three phase grinders); rubber feet; two 7" x 1" grinding wheels (one coarse and one fine); two adjustable tool rests and water pot.

specifications

Voltages: A.C., 50-60 cycles, single phase; 110-115 volts, 220-230 volts, 250 volts.
A.C., 50-60 cycles, 3-phase; 208-220/440 volts, 550 volts.
D.C., 115 volts or 230 volts.
Specify current, phase, voltage and cycles.

type no.	speed, r.p.m.	diam.	wheels thickness	arbor hole	length	base	net weight	shipping weight
257	2850 — 50 cycles 3450 — 60 cycles	7"	1"	⅝"	20⅜"	9"x10¼"	73 lbs.	90 lbs.

accessories for grinder No. 257

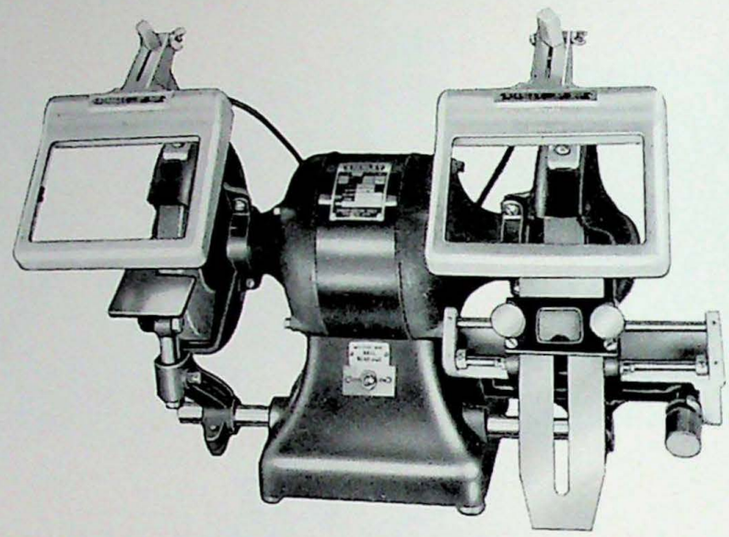
See pages 28 and 29 for descriptions of the following accessories that can be used with this grinder. For wire wheel brushes see page 18.

"Flud-lite" eyeshields Nos. 600 and 628; safety eyeshield No. 569.

Grinding wheels No. MS374 (fine) and MS373 (coarse). Pedestal No. 560.

STANLEY

edge tool grinder



No. 677

1/3 h.p. — ball bearing — 7" x 1" wheels

The ideal bench grinder for industrial and school woodworking shops where it is important that plane irons and chisels can be sharpened easily. No. 677 has a special slow speed motor for edge tool grinding. Grinder is equipped with: patented attachment for grinding plane irons and chisels up to 2⅝" wide; two 7" wheels, one general purpose and one for edge tool grinding; "Flud-lite" eyeshields which protect operator's eyes from grinding wheel particles. Eyeshields are connected with grinder switch.*

features

- Baked black finish.
- Heavy dutp double pole switch—totally enclosed.
- Full ball bearing — bearings protected from dirt and grit.
- Special low speed motor.
- Wheels protected with guards and covers except the working area. Exhaust outlets.
- Patented plane iron and chisel grinding attachment has a micrometer screw adjustment which permits feeding the tool to the wheel, for as fine a cut as desired. The holder automatically drops away from the wheel when hand pressure on the attachment is released. Holder may also be easily removed.

specifications

Voltages: A.C. 110-115 volts, 220-230 volts, 60 cycles, single phase; 208-220/440 volts, 60 cycles, 3-phase (switch, but no cord furnished on 3-phase grinders); D.C. 115 volts.

type no.	speed, r.p.m. at 60 cycles	diam.	wheels thickness	arbor hole	length	base	net weight	shipping weight
677	1800 no load 1725 full load	7"	1"	⅝"	18½"	8¼"x10"	74 lbs.	100 lbs.

accessories for grinder No. 677

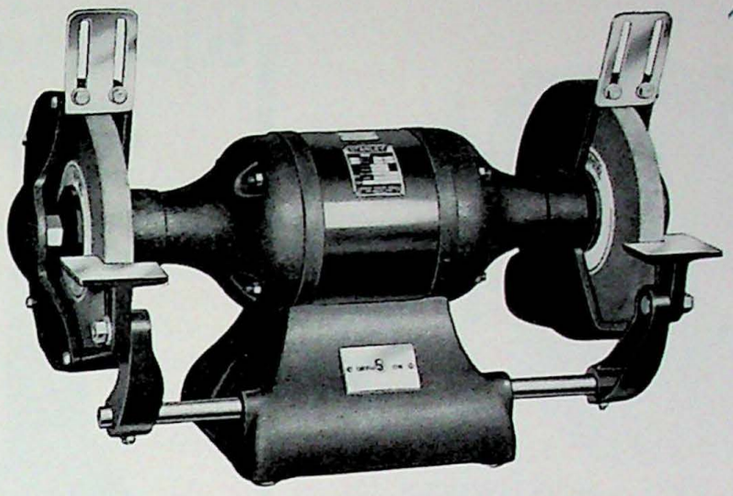
See pages 28 and 29 for description of the following accessories that can be used with No. 677 grinder: pedestal No. 560; grinding wheels Nos. MS373 (coarse) and MS476 (extra fine). "Flud-lite" eyeshields Nos. 600 or 628. For wire wheel brushes see page 18.

*110-115 volt grinders only.

bench grinder

STANLEY

No. 610



1 h.p. ball bearing — 10" x 1" wheels

No. 610 heavy grinder is a 10-inch, 1 h.p., ball bearing bench grinder for production grinding, buffing and wire brush work in factories and garages. The extended frame construction, coupled with the fact that the wheel diameters extend beyond the motor diameter, permits grinding large, odd-shaped parts with ease. Baked black finish and graceful curves allow for easy cleaning.

features

Ball bearings are grease-seal type mounted close to wheels to eliminate vibration.

Wheel guards adjustable for grinding at any point on wheel circumference.

End covers are easily removed. Wheel guards have exhaust outlets for connection to exhaust system. Guards are equipped with adjustable dust and spark shields.

Tool rests are adjustable for height, angle and distance to wheel.

Heavy duty, double-pole toggle switch, totally enclosed.

Furnished complete with: two high grade bonded abrasive wheels (one coarse and one fine); rubber feet. No rubber cord furnished with this grinder. Wire leads are arranged for permanent wiring. Base is drilled and tapped for conduit, and connector furnished for armored cable. Grounding can be done through conduit or armored cable cover.

specifications

Speed r.p.m.: 60 cycles — 1725; 50 cycles — 1425.
Motor: 1 h.p. induction type, specify phase, voltage and cycles.
Voltages: A.C., single phase 50-60 cycles, 110-115 volts, 220-230 volts.
A.C. three phase, 50-60 cycles; 208-220/440 volts, 550 volts.
Other voltages and cycles may be furnished on special order.

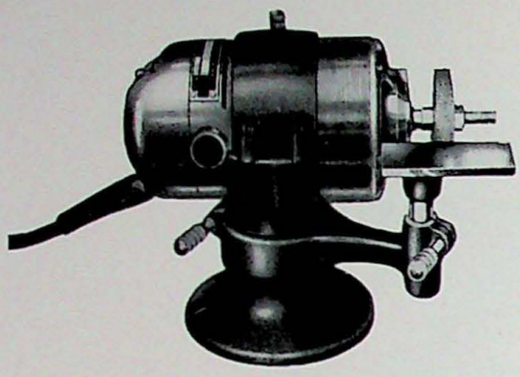
type no.	diam.	wheels thickness	arbor hole	distance between wheels	length overall	base	height to c. l. shaft	net weight	shipping weight
610	10"	1"	¾"	18"	24"	9¾"x11¼"	9½"	137 lbs.	168 lbs.

accessories for grinder No. 610

See pages 28 and 29 for descriptions of the following accessories.

"Flud-lite" eyeshields Nos. 600 and 628 and 630; safety eyeshield No. 569; pedestal No. GA-68; grinding wheels Nos. MS46 (fine) and MS47 (coarse). For wire wheel brushes see page 18.

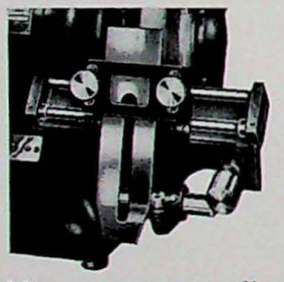
attachments for grinders



GA-21 bench stand

This bench stand offers a stable platform for sharpening of bits and cutters, and for grinding large shaper knives, gouges, chisels, etc. See page 79 for grinding wheels. Can also be used with No. 8 motor (see page 47).

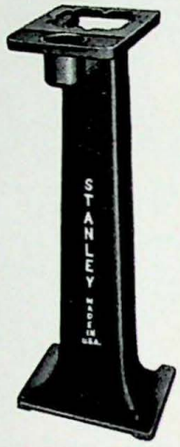
Shipping weight 4½ lbs.



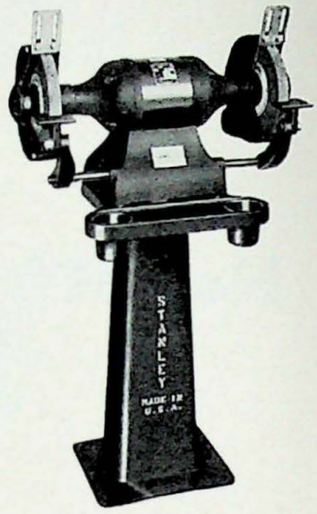
plane iron and chisel grinding fixture

No. 568

Micrometer screw adjustment on the attachment permits feeding the tool to the wheel for as fine a cut as desired. The holder automatically drops away from the wheel when the hand pressure on the attachment is released. The holder may also be removed to examine the tool, and may be replaced in the same position for additional grinding. Fixture fits ¾" diameter shaft. Furnished as regular equipment on grinder No. 677.



560



GA-68

pedestals Nos. 560 and GA-68

The No. 560 pedestal is 33" high, cast iron, with a conveniently located water pot. It is used with bench grinders Nos. 266, 286, 257 and 677. The No. GA-68 pedestal is 33" high, cast iron with two water pots. It is used with bench grinder No. 610. Because the bases of various grinders vary in size, be sure to specify the type number and serial number of grinder for which pedestal is required.

No. 560 pedestal, shipping weight, 71 lbs.

No. GA-68 pedestal, shipping weight, 105 lbs.

grinding wheels

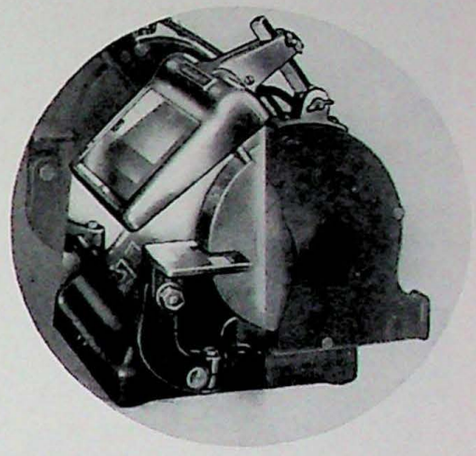
Made from the best grade abrasives.

grinding wheel number	for grinder	diameter	thickness	arbor	grain
MS302	(for drills)	4"	½"	½"	fine
MS39	565	5"	¾"	½"	coarse
MS35	266-56	6"	½"	½"	fine
MS36	266-56	6"	½"	½"	coarse
MS1401	266	6"	⅝"	½"	coarse
MS1402	266	6	⅝"	½"	fine
MS378	286-586	6"	¾"	½"	fine
MS379	286-586	6"	¾"	½"	coarse
MS40	566	6"	1"	⅝"	coarse
MS374	257-557	7"	1"	⅝"	fine
MS373	257, 557, 677	7"	1"	⅝"	coarse
MS476	667, 677	7"	1"	⅝"	extra fine
MS46	610, 1610	10"	1"	¾"	fine
MS47	610, 1610	10"	1"	¾"	coarse

STANLEY

flud-lite eyeshields
Nos. 600 & 628

(115 volts only)



The 600 and 628 safety eyeshields are adjustable for operator's height but cannot be moved to a non-guarding position without dismantling. They are provided with two sheets of glass 4″ x 6″ — one piece safety glass (G-303) and one piece of ordinary window glass (G-304) mounted beneath to protect safety glass.

Fit all grinders and are useful on other types of machinery. Ample area of visibility. Adjustable for operator's comfort. Operator's eyes are protected at all times from wheel dust; light thrown directly on grinding wheel and work. More sanitary and safer than goggles. Furnished complete with mounting screws.

No. 600 — 115 volt replacement bulb MS-831.

No. 628 — 115 volt like No. 600 except with switch — replacement bulb MS-831.

Shipping weight 3½ lbs.

flud-lite eyeshield
No. 630

(115 volts only)

The 630 safety eyeshield has a 6″ x 10″ window to fully protect operator from grinding, sanding, or polishing dust or from any machine or tool chips. It can be mounted on any type machine on a horizontal or vertical surface. Eyeshield has independent switch, but may be wired into circuit on 115 volt system. Main design points are: fully adjustable for "tilt" and "height" to allow most desirable working position; bulbs are of special design with filament supported to withstand vibration; safety glass for window (G-315) and protected from beneath with plain glass (G-314) for economical replacement.

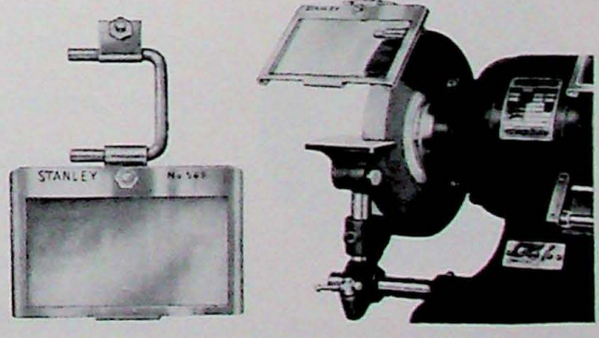
Furnished complete with mounting screws.

No. 630 — 115 volt replacement bulb MS-1327.

Shipping weight 9¼ lbs.

safety eyeshield
No. 569

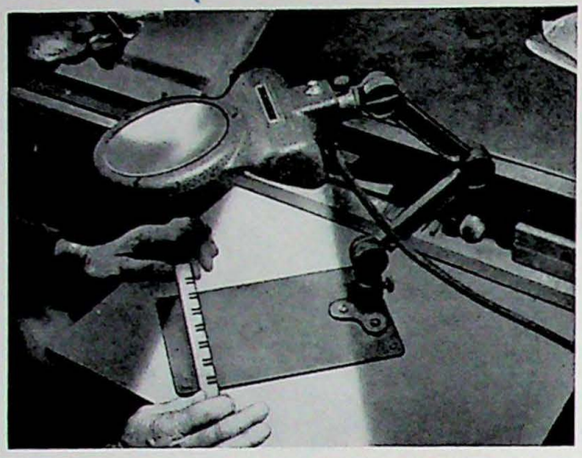
for motor or belt driven grinders



Stanley safety eyeshields can be attached to any grinder — belt or motor driven — by bolting to the wheel guard. They are safe, sanitary, always on the job and convenient. The steel frames are 3¾″ x 5¼″ — amply large to give a full view of the grinding wheels and work. They are fitted with shatterproof safety glass (G301). Packed in pairs complete with bolts.

Shipping weight 1¾ lbs. per pair.

STANLEY magnifiers



No. 701

No. 701H

Inspection tools that combine magnification and shadow-free fluorescent lighting. Inspectors, machinists, toolmakers in industrial plants will find it useful for small parts assembly, finding cracks and scratches, inspection of machinists' tools such as reamers, gauges, punches and dies, etc. Also invaluable for use in map making and reading, small instrument manufacture and assembly, engraving, counterfeit detection, fingerprint inspection and other work where magnification is required. Can be mounted permanently on scales, dial indicators, etc., for instant, accurate readings.

features of Stanley "flud-lite" magnifiers:

Each magnifier has a fluorescent daylight lamp MS973, scientifically focused, which distributes natural light over objects without shadow. Fluorescent lamp generates little heat and costs little to operate.

High quality 2x lens, 5 inches in diameter, with focal length of 13 inches, provides full magnified vision.

Frame and arms of "flud-lite" magnifiers are die castings, ribbed for strength and rigidity. Durable black finish.

Base and frame swivel joints and friction arm joints permit movement of lens to any desired position without moving base.

Provided with light switch mounted in frame.

Stanley "flud-lite" magnifiers operate only on alternating current (A.C.), 110-120 volts, 50-60 cycles.

No. 701 — for bench work, use on conveyor belts or on machines. Equipped with steel base, two adjustable, smooth acting friction joint arms and approved cord. Base can be removed for permanent anchorage of magnifier. Shipping weight, 8½ lbs.

No. 701H — for portable inspection anywhere in the plant. Equipped with comfortable grip hardwood handle and approved cord. Shipping weight, 5¼ lbs.

MS-1335 new style "aspheric" lens for "flud-lite" magnifiers provides triple magnification — fits in magnifier frame

No. 05 Auxiliary Lens

Available as an accessory for the No. 701 and 701H magnifiers. This new style lens provides distortion-free vision over a wide field. Both eyes can be used to view the magnified image without experiencing the eyestrain caused by conventional lenses.

Order separately as accessory.

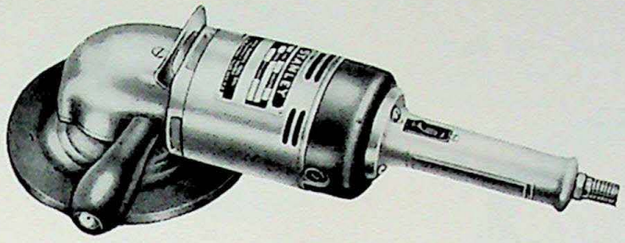
No. 05 auxiliary lens for "flud-lite" magnifiers

When attached to No. 701 or 701H magnifier it doubles the power of the lens. Lens is 2½" in diameter and mounted in resilient plastic cup-shaped attachment. Fits easily under magnifier frame. Order separately as accessory.

No. 701 Magnifier used for visual inspection

disc sander

STANLEY



No. 77

7" — standard duty

A lightweight, powerful production sander, full ball bearing for long life and compactly designed for easy handling. Furnished complete with: 7-inch flexible pad, 3 sanding discs (1 each, fine, medium and coarse), wrenches, lubricant, heavy rubber covered three-wire cord with ground connection, and back rest.

features

Aluminum alloy housings.
Sealed bearings on armature and spindle retain lubricant and exclude dust and grit.
Full ball bearing, heavy spindle construction assures proper alignment of gears.
Spiral bevel gears.
Rocker motion switch conveniently located in handle.
New type flexible pad assures smooth and even work.
Side handle can be used on either side of tool.
Spindle is threaded with standard 5/8"—11 thread.

uses for Stanley disc sanders

Scour and clean vats. Polish metal pipes. Remove labels and stencils. Sand wood and metal. Remove rust and paint. Grind welds. Smooth concrete, limestone, etc. Smooth castings, auto fenders, etc., before and after filler is applied. Cup grinding wheels and wire torque brushes as well as polishing equipment are adaptable for use with this sander.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

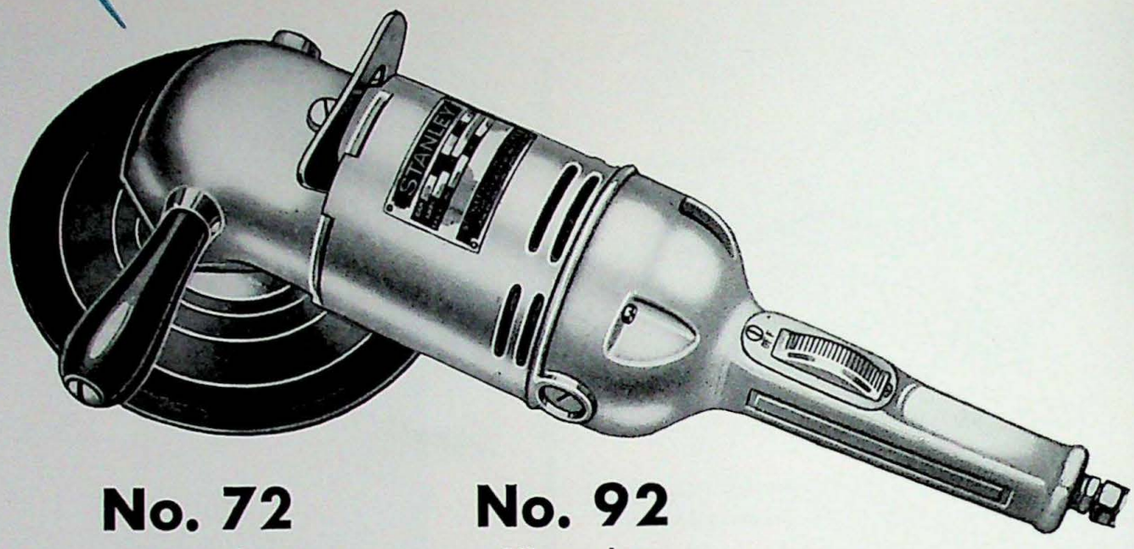
type no.	diam. of disc	voltages	speed, r.p.m.	length	net weight	ship. weight
77	7"	115, 125, 150, 200, 230 or 250 as specified	3900 no load 2800 full load	14 3/8"	11 lbs.	16 lbs.

Accessories for No. 77 disc sander shown on page 33.

New Britain, Conn., U. S. A.

STANLEY

disc sanders and grinders



No. 72
7" sander

No. 92
9" sander

Heavy duty, powerful sanders built for the toughest production and repair work. The mechanical refinements of these tools, combined with their compact design, make available long-life tools for fast, efficient sanding, buffing and surfacing on wood, metal and concrete. Full ball bearing construction, precision gearing and dynamically balanced armature insure long service. Furnished complete with flexible pad, 3 assorted abrasive discs (1 each: fine, medium and coarse), wrenches, lubricant and heavy rubber covered three-wire cord with ground connection, and back rest.

features

Powerful, well-ventilated universal motors.

Strong aluminum alloy housings.

Sealed ball bearings on armature and spindle retain lubricant and exclude dust and dirt.

Heavy duty, full ball bearing spindle construction assures permanent alignment of gears.

Heavy duty alloy steel precision spiral bevel gears.

Slide action, double pole switch, dustproof, totally enclosed, conveniently located in handle.

Molded flexible pad assures smooth, even work.

Side handle can be used on either side of tool.

Spindle is threaded with standard 5/8"—11 thread.

uses for Stanley disc sanders

Smooth castings, auto fenders, etc., before and after filler is applied. With cup grinding wheels, grind heavy welds, cast iron, cast carbon steel, stainless steels, etc. Grind concrete, limestone, granite, etc. Scour and clean vats. Polish metal pipes, sand wood and metal.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

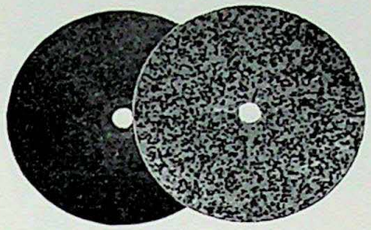
type no.	diam. of disc	speed, r.p.m.	voltages	length	net weight	shipping weight
72	7"	4200 no load 2700 full load	115, 125, 150, 200, 230 or 250 as specified	18⅝"	17¼ lbs.	25 lbs.
92	9"	3300 no load 2100 full load		18⅝"	18 lbs.	26 lbs.

Complete accessories shown on page 33.

accessories

STANLEY

sanding discs



Made from high grade abrasive. Recommended for sanding or grinding any flat or curved surface.

for wood sanding

Fibre combination aluminous oxide — closekote

Type	Grit	For 7″ Sanders	For 9″ Sanders
Coarse	50	MS-455-4	MS-126-4
Medium	80	MS-455-5	MS-126-5
Fine	120	MS-455-6	MS-126-6

for metal sanding

Fibre backed aluminous oxide — closekote

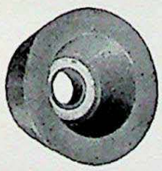
Type	Grit	For 7″ Sanders	For 9″ Sanders
Coarse	24	MS-455-1	MS-126-1
Medium	36	MS-455-2	MS-126-2
Fine	80	MS-455-3	MS-126-3

for removing old finishes

Fibre backed aluminous oxide — openkote

Grit	For 7″ Sanders	For 9″ Sanders
16	MS-464	MS-328
24	MS-465	MS-327

grinding wheels recommended for use with Stanley disc sanders



Recommended for smoothing welds and surfaces where considerable metal is to be removed. Attached directly to sander with inner flange S8547 in place of flexible pad.

For Use with Sander No.	Wheel Dimensions (Inches)	For Stainless Steel Welds	For Steel Castings, Annealed Malleable Iron and Welds	For Cast Iron, Unannealed Malleable Iron, Most Granite and Concrete
77	(4-3¼)x2x⅝ Flare Cup	MS-1273	MS-1274	MS-1275
72	(5-4)x2x⅝ Flare Cup	MS-1276	MS-1277	MS-1278
92	(6-4¾)x2x⅝ Flare Cup	MS-1279	MS-1280	MS-1281
77	4″ diameter straight sides Cup Shaped		For general grinding MS-1282	

wire torque brushes

For cleaning tanks, vats, castings, sheet metal, stone, concrete, etc. For removing shipping marks from cases, scale and rust from piping. Attach directly to sander in place of flexible pad with inner flange S-6370 and nut S-7262 shown on this page.

No.	Description	Fits Sander
MS469	Torque Brush ⅝ Hole, Fine	77
MS317-B	Torque Brush ⅝ Hole, Coarse	72, 92
MS318-B	Torque Brush ⅝ Hole, Fine	72, 92
S-6370	Inner Flange	77, 72, 92
S-7262	Torque Brush Nut	77, 72, 92

replacement pads

Molded flexible pad.

Flexible pad complete

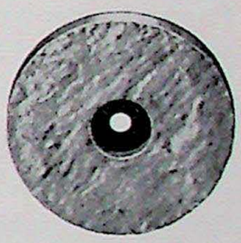
No.	Shipping Wgt.
MS-1272 for 9″ sander	1½ lb.
MS-1271 for 7″ sander	1¼ lb.

Use only steel pad nut S-8549 with above.

felt rubbing pad

Used with rubbing compounds to rub down and smooth lacquered surfaces. Quickly attached to the sander. Shipping weight 1 lb.

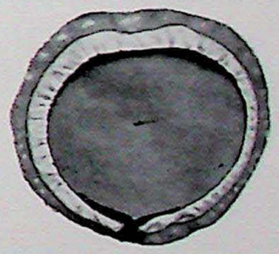
MS-319 (9″) for 9″ sander
MS-468 (7″) for 7″ sanders



polishing bonnet

Highest quality. Used for the final buffing of lacquered surfaces to bring out high lustre. Slip over the flexible pad and tie in place. Shipping weight 1 lb.

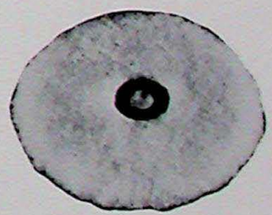
MS-320 (9″) for 9″ sander
MS-466 (7″) for 7″ sanders



polishing pad

Used for final buffing operation on lacquered surfaces to bring out high lustre. Attach to sander pad same as a sanding disc. Shipping weight 1 lb.

MS-467 (7″) for 7″ sanders



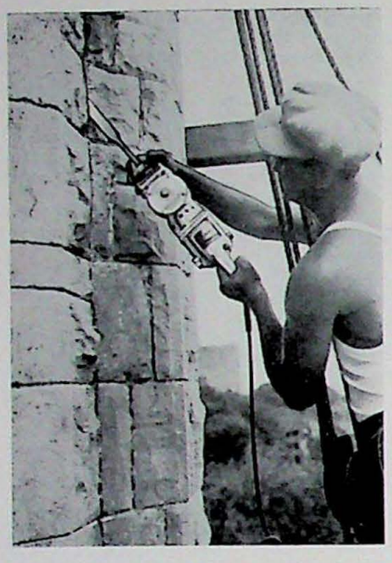
adaptors

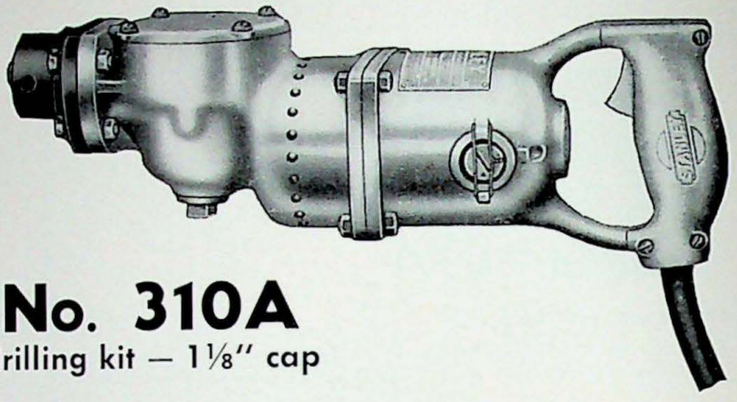
For both 7″ and 9″ sanders.

To attach wire torque brush to sander, use inner flange S-6370 and nut S-7262.

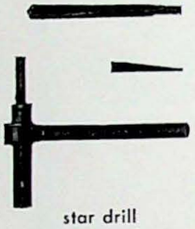
S-7262 S-6370

electric hammers

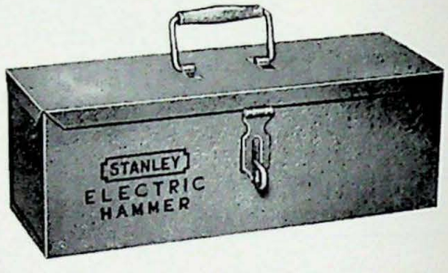




No. 310A
drilling kit — 1⅛" cap



star drill
and chuck



Stanley electric hammers are used to drill, chip and channel in concrete, stone and brick; chisel wood; scale rust; tamp concrete; in general, any work requiring hammer action.

This is a powerful, well balanced and exceptionally lightweight hammer. Specify 310A and the following will be furnished: 309 hammer; carrying case; chucks SA-88 and SA-89; ¾" x 6" star drill, and a supply of lubricant.

GA-63 tool retaining clip* available for use with chisels shown on page 36.

features

Stanley electric hammers require no auxiliary equipment such as convertors or control boxes — simply plug into a light socket.

Extra strong aluminum housings.

Powerful universal motor.

Heavy coil spring takes up shock of idle blows.

Heavy duty sealed ball bearings on motor and crankshaft.

Special sealing device to prevent grease leakage.

Alloy steel gears specially heat treated.

Momentary trigger switch.

Motor brush construction specially designed to withstand hammer vibration.

Heavy rubber covered three-wire cord with ground connection.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	voltages	length of hammer	net weight hammer only	shipping weight
310A drilling kit	1⅛" diam.	115, 125, 150, 200, 230 or 250 as specified	15½"	13 lbs.	28 lbs.

*Tool retaining clip available as accessory. For other accessories see page 36.

scaling hammer

STANLEY

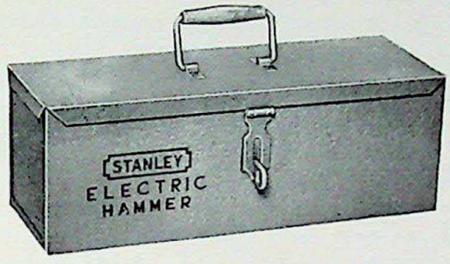
operates from A.C. or D.C. current without convertors or control boxes
removes scale, rust and paint — quicker, better and cheaper

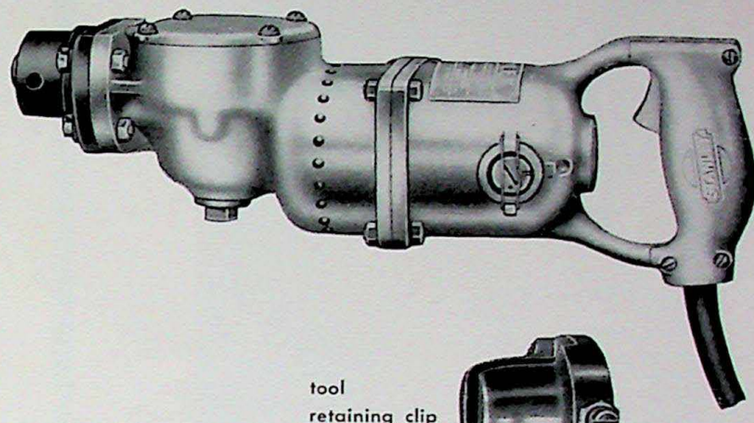
1¼" x 7" flat
scaling chisel FG-370

¾" x 9" cold chisel
FG-313

2" x 7" flat
scaling chisel FG-371

⅞" x 9" four point
scaling chisel FG-417





tool
retaining clip
GA-63

No. 312

scaling kit
includes No. 309 hammer
GA-63 clip
4 chisels illustrated
and carrying case

No. 311

scaling kit
includes No. 309 hammer
GA-63 clip
carrying case

Stanley scaling equipment is used for removing paint and rust from metal. Ship owners have found the above equipment profitable in maintaining metal boats. With it, scale and rust are removed more easily and many times faster than is possible by hand methods, and it leaves the surface in perfect condition for painting. Ships having Stanley scaling equipment on board will find it easier to keep ahead of destructive scale while enroute between ports. To use star drills with this hammer specify chucks as shown on page 36.

features

- Powerful universal motors operate direct from A.C. or D.C. lines.
- Stanley scaling hammers require no auxiliary equipment such as convertors or control boxes — simply plug into a light socket.
- Extra strong aluminum housings.
- Heavy duty sealed ball bearings on motor and transmission shaft.
- Sealing devices prevent grease leakage.
- Alloy steel gears specially heat treated.
- Momentary trigger switch.
- Motor brush construction prolongs brush life.
- Tool retaining clip holds scaling tools securely in hammer.
- Heavy rubber covered three-wire cord with ground connection.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

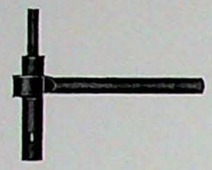
type	voltages	length	net weight	shipping weight
No. 311 scaling kit	115, 125, 150, 200, 230 or 250 as specified	15½"	13 lbs.	28 lbs.
No. 312 scaling kit			15 lbs.	30 lbs.

For other accessories see page 36.

New Britain, Conn., U. S. A.

accessories

for electric hammers



chuck

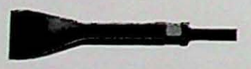
ejector pin

star drill

concrete chisel

cold chisel

mortar cutting chisel



scaling chisel

bull point

spoon gouge

wood gouge

wood chisel

bush hammer

chucks

SA134 Masonry drill chuck for No. 310A and 311. Takes masonry drills from 3/16" to 5/8" with small shanks. Taper — 1½" per foot.

SA88 Star drill chuck for No. 310A and 311. Takes star drills from 3/16" to ¾".

SA89 Star drill chuck for No. 310A and 311. Takes star drills from 13/16" to 1⅛".

MS871 dust shield

Fits on chuck when drilling overhead to keep dust out of hammer mechanism.

ejector pins

P5051 For chucks SA134, SA88, SA89.

tapered shank star drills

Used with SA88 and SA135 chucks		Used with SA89 and SA138 chucks	
part number	size	part number	size
FG354	3/16 x 4	FG364	13/16 x 6
FG355	¼ x 4	FG365	⅞ x 6
FG356	5/16 x 4	FG366	15/16 x 6
FG357	⅜ x 6	FG367	1 x 6
FG358	7/16 x 6	FG368	1 1/16 x 6
FG359	½ x 6	FG369	1 ⅛ x 6
FG360	9/16 x 6	FG375	13/16 x 12
FG361	⅝ x 6	FG376	⅞ x 12
FG362	11/16 x 6	FG377	15/16 x 12
FG363	¾ x 6	FG378	1 x 12
FG462	½ x 12	FG380	1 ⅛ x 12
FG372	⅝ x 12	.....	.....
FG373	11/16 x 12	.....	.....
FG374	¾ x 12	.....	.....

tools used with GA-63 tool retaining clip

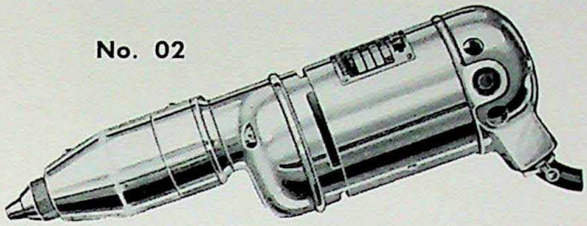
(see page 35)

No.	tool	size
FG307	concrete chisel	¾" x 9"
FG313	cold chisel	¾" x 9"
FG331	chisel blank	9"
FG311	bull point	9"
FG327	brick cleaning chisel	2" x 10"
FG321	wood chisel	¾" x 10"
FG325	wood chisel	¾" x 16"
FG323	wood chisel	1½" x 10"
FG326	wood chisel	1½" x 16"
FG330	mortar cutting chisel	1¼" x 10"
FG315	wood gouge	¾" x 10"
FG318	wood gouge	¾" x 16"
FG317	wood gouge	1½" x 10"
FG319	wood gouge	1½" x 16"
FG443	spoon gouge	1¼" x 16"
FG371	scaling chisel	2" x 7"
FG370	scaling chisel	1¼" x 7"
FG320	bush hammer	1¼" square face

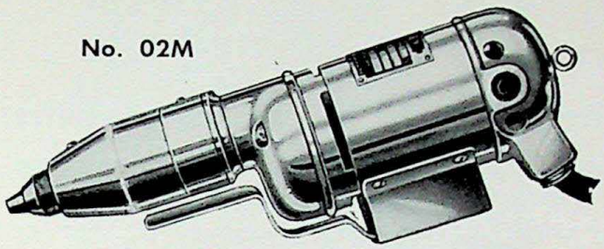
electric screw drivers

STANLEY

No. 02



No. 02M



Lightweight, ball bearing screw drivers, 2¾" diameter, for production jobs as rated below. Designed with adjustable tension clutch which is easily adjusted by the operator.

No. 02—enclosed "on" and "off" switch mounted in rear end bell.

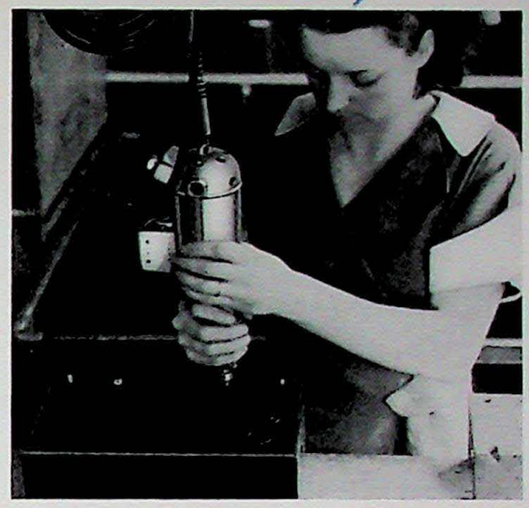
No. 02M — equipped with Economo switch and ring for overhead suspension. Motor starts with slight pressure on switch lever, stops when pressure is released.

adjustable tension clutch

The patented adjustable clutch automatically stops driving the screw or nut at the point predetermined by setting the tension adjusting nut. There are no cones, composition friction plates, etc., in the Stanley automatic clutch.

The automatic release feature of the clutch prevents marring of the work, screws or nuts.

Screw driver bit guide sleeves are non-revolving.



features

Strong aluminum alloy housings, full polish.

Gears — alloy steel, specially heat treated.

Seal type ball bearings on motor shaft.

Positive cord clamp on housing.

Rubber covered three-wire cord with ground connection.

Furnished with two screw driver bits, GA106 and GA109 with bit guide sleeves for No. 6 to 10 screws.

Bits for all types of screw heads and sockets for all types of nuts can be adapted to these drivers within their capacity.

specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less. Specify number and voltage desired.

type no.	capacity with proper size lead holes	speed, r.p.m. no load	voltages	length overall	net weight	shipping weight
02	Nos. 4, 6, 8 screws in hardwood No. 10-1½" in soft wood Nuts up to ¼" machine screw size	750	115, 125, 150, 200, 230 or 250 as specified	11¼"	4½ lbs.	6 lbs.
02M					4¾ lbs.	6¼ lbs.

When reversing switch is desired, the following class numbers will apply to the various drivers: For 02 specify 02R. For 02M specify 02MR.

New Britain, Conn., U. S. A.

screw driver accessories

S-7395

S-7322

Bit Guide Sleeve

for use with Nos. 02, 02M screw drivers

bits for slotted screws

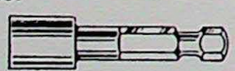
Made from finest quality tool steel and tempered to stand up under hard usage. Tips are carefully formed and milled to size. Lengths are determined by the amount of bit projection when the bit is in place.

for 02 and 02M screw drivers

slotted screw (flat head)	projection	without guide sleeve	with bit guide sleeve
4	½"	S-7319	GA-103
6		S-7322	GA-106
8		S-7325	GA-109
10		S-7328	GA-145*
4	2½"	S-7320	GA-104
6		S-7323	GA-107
8		S-7326	GA-110
10		S-7329	GA-146*
4	4"	S-7321	GA-105
6		S-7324	GA-108
8		S-7327	GA-111
10		S-7330	GA-147*

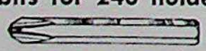
*Same bit guide sleeve used with No. 8 and No. 10 screws.

insert bit holder



No. 240 ¼" Hex Drive

insert bits for 240 holder



No.	size	point
240-1	¼ x 1	1 Phillips
240-2	¼ x 1	2 Phillips
240-3	¼ x 1	3 Phillips
240-F	¼ x 1	Freason or Reed & Prince
240-10	¼ x 2¼	1 Phillips
240-20	¼ x 2¼	2 Phillips
240-30	¼ x 2¼	3 Phillips
240-1F	¼ x 2¼	Freason or Reed & Prince

phillips bits
S-7342
for Nos. 02, 02M drivers

bits for phillips recessed head screws

Made from finest quality tool steel and tempered to stand up under hard usage. Produced by Stanley under American Screw Company license for use with Phillips screws.

for Stanley screw drivers	number and length	size point	fits phillips screws
Nos. 02 and 02M	S7342* 1" projection	2	5-9 inclusive

*Order bit bushing No. S7409 for use with bit S-7342.

socket wrench S7397

socket wrenches

Made from high grade steel carefully hardened and tempered and accurately machined to size. They will stand severe use. Furnished complete or separately.

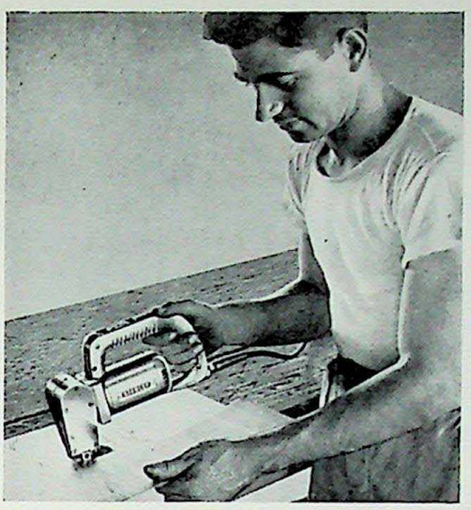
for screw drivers nos. 02, 02M shanks 1" (S-7405) and 4" (S-7406) long

size across flats	hexagonal sockets*	square sockets*
¼"	S7395	.....
5/16"	S7396	.....
11/32"	S7397	.....
3/8"	S7398	S7402
7/16"	S7399	S7403
½"	S7400	.....

*Order special bushing S7540 for use with these sockets.

unishear

STANLEY



No. U218

cuts up to 18 gauge (.050") steel

No. U218 unishear cuts 18 gauge hot rolled steel at a speed up to 15 feet per minute and weighs only 4¾ lbs. Easier to use than a pair of snips and does smoother, cleaner work. A real production tool.

Simple improved blade action "feeds in" the work so that little effort is required by operator to cut straight lines, curves, angles and notches with hairline accuracy. For inside cuts, simply cut a two-inch hole in the material and slip yoke through hole. Multi-grip handle permits hand to be moved into convenient position for comfortable or easy operation. Furnished with: rubber covered three-wire cord with ground connection, wrenches, clearance gauge and a supply of lubricant.

features

- High speed alloy steel blades, easily removable for resharpening.
- Sturdy, lightweight, aluminum alloy housing.
- Hardened, ground alloy steel worm, bronze worm gear.
- Full ball and roller bearing construction.
- Yoke special alloy steel forging heat treated.
- Automatic lubrication of plunger from gear housing.
- Convenient slide operated switch with multi-grip handle.
- Minimum number of moving parts.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

type no.	capacity	speed	voltages	minimum radius	length	net weight	shipping weight
U218	18 ga. (0.050") hot rolled mild steel 20 ga. (0.037") cold rolled mild steel other materials in proportion	as you feed up to 15 ft. per min.	115, 125, 150, 200, 230 or 250 as specified	½" l. h. ¾" r. h.	9½"	4¾ lbs.	5½ lbs.

Extra yoke: No. SA-179 (shown above).

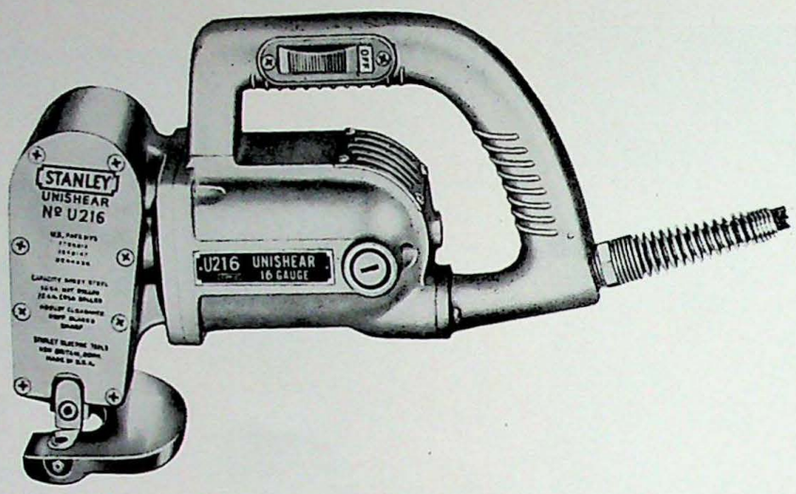
Extra blades: Upper blade No. S8204. Lower blade No. S8205. Furnished in pairs with blade screws. Packed 12 sets to a carton.

See page 46 for accessories.

New Britain, Conn., U. S. A.

STANLEY

unishear



No. U216

cuts up to 16 gauge (0.062") steel

Lightweight, streamlined portable electric shear that cuts up to 16 gauge hot rolled steel (other materials in proportion) at a speed of 15 to 20 feet per minute. The simple improved blade motion allows the operator to cut straight lines, curves, angles and notches with hairline accuracy with a minimum of effort. For inside cuts simply cut a 2½" hole in the material and slip yoke through the hole. Multi-grip handle permits hand to be moved into convenient position for comfortable or easy operation. Slide-operated switch is conveniently located in the handle. An ideal production tool.

features

Blades easily removed for sharpening.

Strong, lightweight aluminum alloy housing gives greater strength and minimum weight.

Hardened alloy steel worm, bronze worm gear.

Rubber covered three-wire cord with ground connection.

Full ball and roller bearing construction.

Yoke forged of special heat-treated alloy steel.

Convenient slide operated switch.

Minimum number of moving parts.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.
(also available in 180 cycles, 3 phase, 110, 220 or 440 volts.)

type no.	capacity	speed	voltages	minimum radius	length	net weight	shipping weight
U216	16 ga. (0.062") mild hot rolled steel. Other metals in proportion	as you feed up to 15-20 feet per minute	115, 125, 150, 200, 230 or 250 as specified	½" l. h. 1¼" r. h.	11"	9½ lbs.	14 lbs.

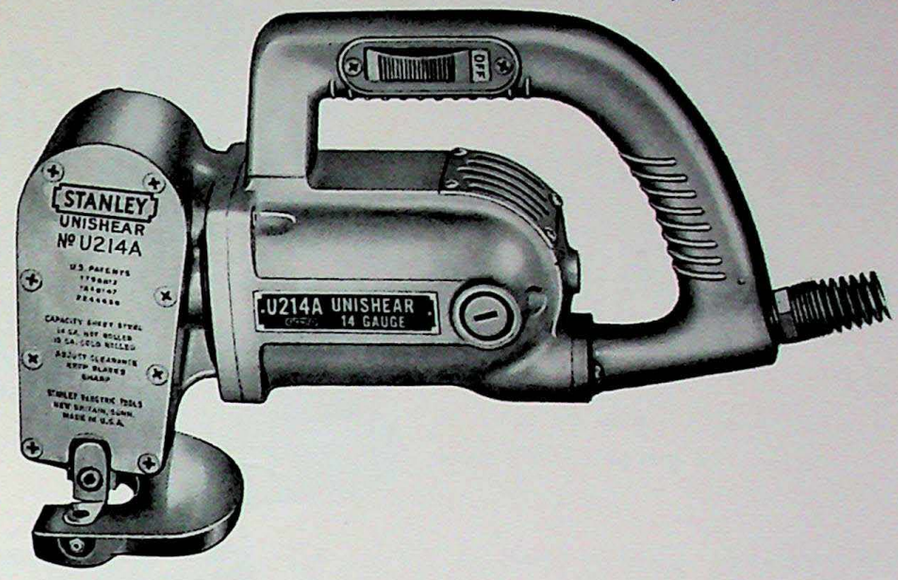
Extra blades with screws: Upper blade No. S8469, lower blade S8468. Furnished in pairs with blade screws. Packed 12 sets to a carton.

Extra yoke: No. SA300.

See page 46 for accessories.

unishear

STANLEY



No. U214A

cuts up to
14 gauge (.078") steel

Lightweight, streamlined portable electric shear that cuts up to 14 gauge hot rolled steel (other materials in proportion) at a speed of 15 to 20 feet per minute. The simple, improved blade action "feeds in" the work so that little effort is required by operator in cutting straight lines, curves, angles and notches with hairline accuracy. For inside cuts, simply cut a 2½" hole in the material and slip yoke through the hole.

Improved method of blade adjustment permits easy and quick setting of blades. Multi-grip handle permits hand to be moved into convenient position for comfortable or easy operation. Slide operated switch is conveniently located in the handle. With its smooth, streamlined surface and minimum number of parts, No. U214A unishear is an ideal production tool. Furnished with rubber covered three-wire cord with ground connection, wrenches, clearance gauge and a supply of lubricant.

features

Blades easily removed for sharpening.
Strong, lightweight, aluminum alloy housing provides greater strength and minimum weight.
Hardened alloy steel worm, bronze worm gear.
Full ball and roller bearing construction.
Yoke forged of special heat-treated alloy steel.
Automatic lubrication of plunger from gear housing.
Convenient slide operated switch.
Minimum number of moving parts.

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.
(also available in 180 cycles, 3 phase, 110, 220 or 440 volts.)

type no.	capacity	speed of feed	voltages	minimum radius	length	net weight	shipping weight
U214A	14 ga. (0.078") hot rolled steel, other materials in proportion	up to 15-20 feet per minute	115, 125, 150, 200, 230 or 250 as specified	½" l. h. 1¼" r. h.	10¾"	9½ lbs.	14 lbs.

Extra blades with screws: Upper blade No. S8469, lower blade No. S8468. Furnished in pairs with screws. Packed 12 sets to a carton.
Extra yoke: No. SA300.
See page 46 for accessories.

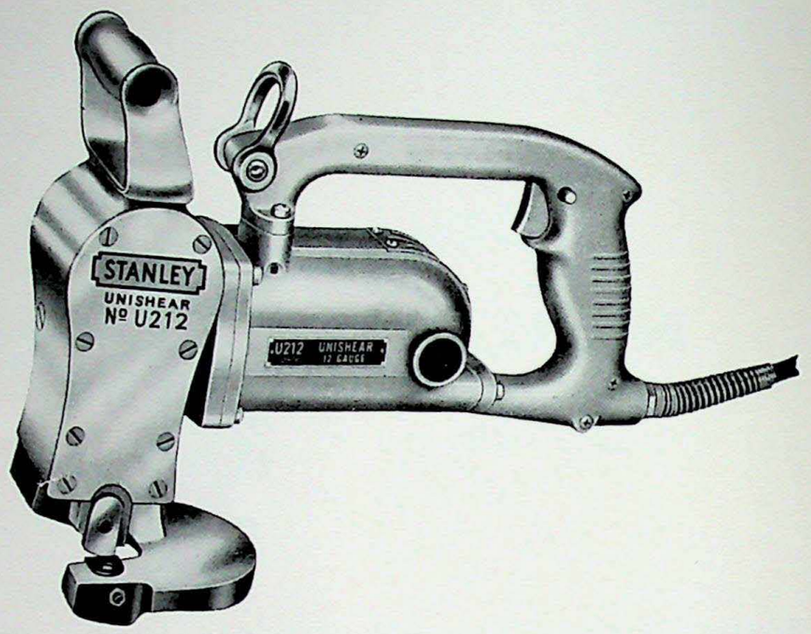
New Britain, Conn., U. S. A.

STANLEY

unishear

No. U212

cuts up to
12 gauge (.109") steel



A streamlined portable Stanley unishear that will be a time and money saver for users of heavy sheet materials. It cuts up to 12 gauge hot rolled steel, other materials in proportion, at a speed up to 12 feet per minute.

It cuts straight lines, curves up to 2½" radius, angles and notches with hairline accuracy. A real production shear for rolling mills, fabrication shops, etc. By carrying the machine to the work, cutting time and expense are reduced to a minimum.

features

Trigger type switch with locking device.
Blades easily removed for sharpening.
Hardened alloy steel worm, bronze worm gear.
Yoke forged of special heat-treated alloy steel.
Full ball and roller bearing construction.
Minimum number of moving parts.
Strong, lightweight aluminum alloy housing provides greater strength and minimum weight.
Rubber covered three-wire cord with ground connection.

specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.
(also available in 180 cycles, 3 phase, 110, 220 or 440 volts)

type no.	capacity	speed	voltages	minimum radius	length	net weight	shipping weight
U212	12 ga. (.109") mild hot rolled steel. Other metals in proportion.	cuts up to 12 ft. per minute	115, 125, 150, 200, 230 or 250 as specified	2½"	13⅞"	20⅜ lbs.	25 lbs.

Extra blades with screws: S-8500 upper blade, S-8499 lower blade. Furnished in pairs with screws. Packed 12 sets to a carton.
Extra yoke: SA-352.
See page 46 for accessories.

unishears

STANLEY

No. U206

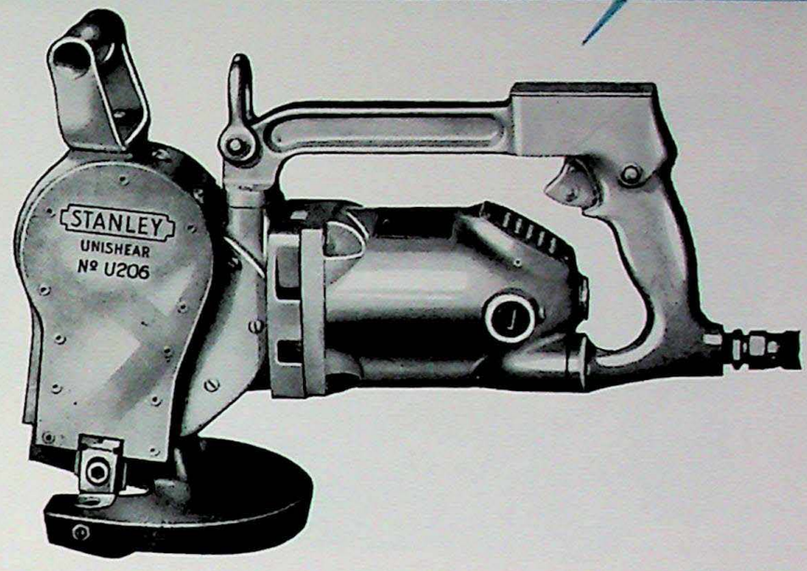
cuts up to 6 gauge

(.203") steel

No. U208

cuts up to 8 gauge

(.171") steel



Steel and brass mills, shipyards, heavy sheet fabricating shops, tank shops, railroad shops and others use these Stanley unishears on heavy production jobs as well as for maintenance and repair work. One-man electric shears that cut up to 5 feet per minute — No. U208 can be used for straight or curved cuts; No. U206 is used only for straight cuts. Both machines being portable, they may be used wherever needed, eliminating the moving of heavy sheets to stationary machines for cutting. Easily suspended when job requires it.

Furnished complete with: three-wire rubber covered cord with ground connection (protected with flexible metal sheath), clearance gauges, suspension spring, wrenches and a supply of lubricant.

features

Alloy steel blades — adjustable.

Strong, lightweight housings provide great strength and light weight.

Heat-treated alloy steel helical and spiral bevel gearing.

Heavy capacity switch in handle.

Full ball bearing construction.

Heat-treated forged steel yoke.

Suspension link and spring (SP-97).

specifications

Motor: universal type operates on either D.C. or A.C., 60 cycles or less.

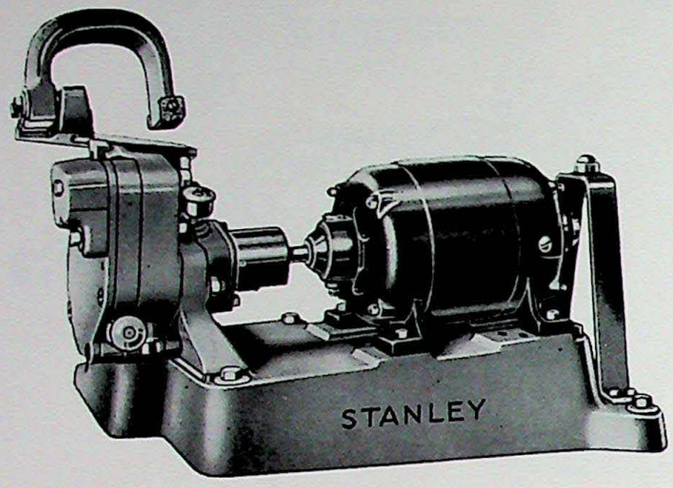
type no.	capacity	speed	voltages	length	net weight	shipping weight
U208	8 ga. (.171") mild hot rolled steel. Other materials in proportion	up to 5 ft. per minute	115, 125, 150, 200, 230 or 250 as specified	18"	36 lbs.	50 lbs.
U206	6 ga. (.203") mild hot rolled steel. Other materials in proportion	up to 5 ft. per minute	115, 125, 150, 200, 230 or 250 as specified	18"	38 lbs.	52 lbs.

Extra blades for Nos. U206 and U208: Upper blade No. S8466B, lower blade No. S7962.
Extra yokes: No. FG433B for U208, No. FG466 for U206.

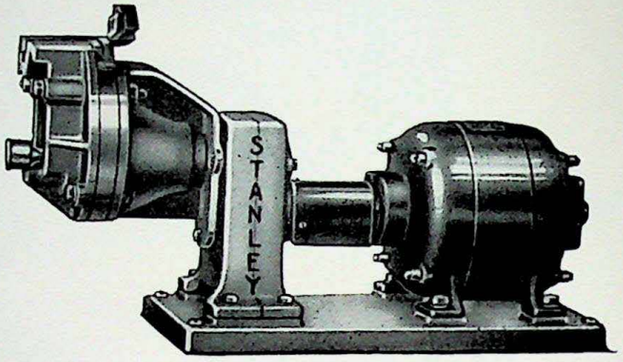
New Britain, Conn., U. S. A.

STANLEY

unishears



No. A-10



No. A-14

Semi-portable machines light enough to be taken out on the job. They will cut any flat stock up to their capacity without burr or distortion so that no time is lost in filing or trimming the work to the desired line. Follows exactly straight or curved lines, angles and complicated notches with equal ease and stops accurately at any point. Requires but one operator even on large sheets.

specifications

Motor: not universal, specify current, voltage, cycle and phase.

Voltages: A.C., 50-60 cycles, single phase; 110-115 volts, 220-230 volts, 250 volts.
A.C., 50-60 cycles, 3-phase; 208-220/440 volts, 550 volts.
D.C., 115 volts or 230 volts.
Other voltages and cycles furnished on special order.

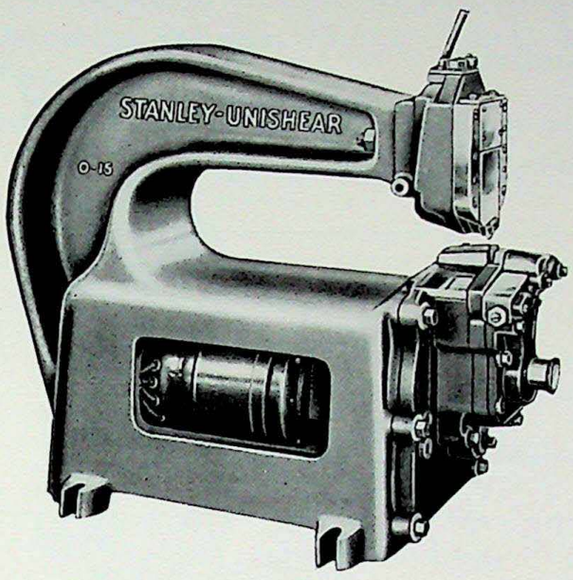
type no.	capacity on hot rolled steel or galvanized iron (other materials in proportion)	speed (as you feed)	minimum radius	motor	size of base	net weight	shipping weight
A-14	No. 14 U. S. Gauge (0.078")	up to 15' per min.	3"	¼ h.p.	7" x 15½"	60 lbs.	80 lbs.
A-10	No. 10 U. S. Gauge (0.140")	up to 10' per min.	6"	¾ h.p.	11¼" x 21½"	170 lbs.	207 lbs.

extra blades
Nos. S-7798 lower and S-7799 upper (for No. A-14) — blades of high speed steel, of a specially developed alloy for the toughest production cutting of sheet metals. Furnished in pairs with screws. Packed 12 sets to a carton.
No. S-7818 blades (high speed steel) for No. A-10.

extra yokes
No. FG430 for No. A-14. No. FG410 for No. A-10.

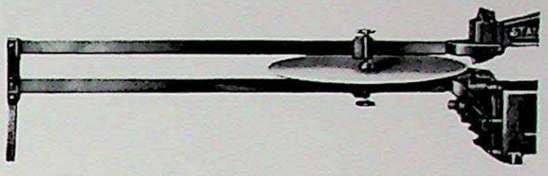
unishear

STANLEY



No. O-15 No. O-36

The most versatile machines on the market for cutting sheet metal and other sheet materials. With them it's easy to cut small curves, complicated designs, straight or curved lines starting either from the inside or the edge of the sheet. Stanley unishears type "O" combine all of the following features: (1) Cut holes or shapes inside a sheet, starting exactly at any desired point, without previously making "starting holes," and without cutting in from the edge of the sheet. (2) Cut curves to less than ¼" radius and cut irregular curves, angles and notches with equal ease. The cutting mechanism of No. O-15, and No. O-36 is identical, the frames only differ.



circular cutting attachment for type O machines

specifications

Motor: ¼ h.p. not universal. Specify current, voltage, cycle and phase.

Voltages: A.C., 50-60 cycles, single phase; 110-115 volts, 220-230 volts, 250 volts.
A.C., 50-60 cycles, 3-phase; 208-220/440 volts, 550 volts.
D.C., 115 volts or 230 volts.
Other voltages and cycles furnished on special order.

type no.	depth of throat	capacity on hot rolled steel or galvanized iron	speed (as you feed)	minimum radius	size of base	net weight	shipping weight
O-15	15"	No. 14 U. S. gauge (0.078") other materials in proportion	up to 15' per minute	¼"	21½" x 16"	230 lbs.	290 lbs.
O-36	36"				38" x 13"	635 lbs.	725 lbs.

High speed steel blades — **No. S-7800** standard, **No. S-7800-C** special for small radii.

accessories for type "O" Stanley unishears

floor stand

Cast iron legs with supporting rods assure a solid foundation for the machine.

No. F-36 for O-36 Unishear: shipping weight 155 lbs.

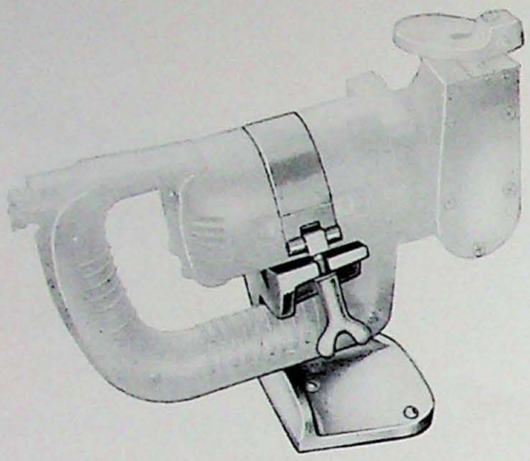
GA-169 circular cutting attachment

Perfect circles can be cut without making any center hole. Sheet is inserted in a turnable clamp which fixes the center point of the circle. For use with any "O" type unishear.

	No. GA-169
Depth of throat	56"
Minimum diameter	8"
Maximum radius (full circle)	27"
Length overall	61½"
Net weight	44 lbs.
Shipping weight	75 lbs.

New Britain, Conn., U. S. A.

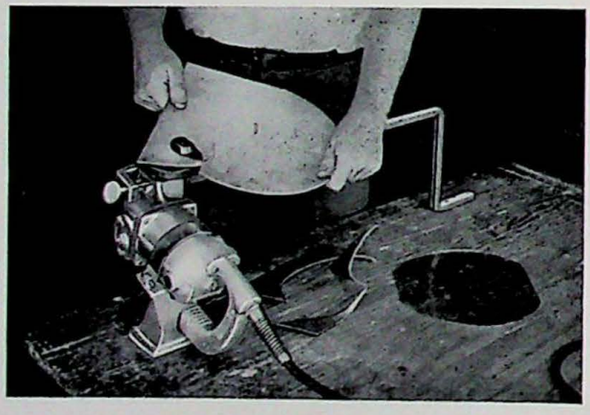
accessories for portable unishears



cradles

The illustrated typical cradle converts unishears into a stationary bench machine.

unishear number	cradle number	net weight (Lbs.)	shipping weight (Lbs.)
U218	GA-135	1½	2
U216	GA-136	1½	2
U214A	GA-136	1½	2
U212	GA-140	1½	2



circular cutting attachments

Use this attachment with unishears mounted in cradles to cut perfect circles. Simply punch a ⅛" hole in center of sheet and place it on center pin which can be set and locked at any desired radius from 2½" to 20".

unishear number	attachment number	net weight (Lbs.)	shipping weight (Lbs.)
U216	C-214A	4½	5¼
U214A	C-214A	4½	5¼
U212	C-212	3¾	5½

SP-97 supporting spring

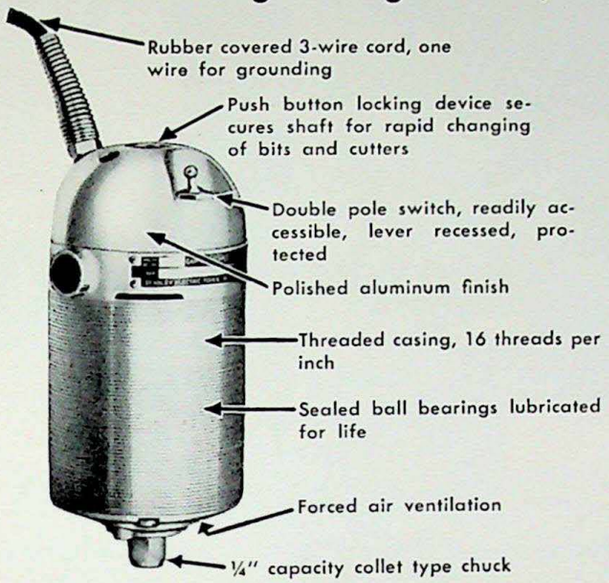
The SP-97 spring is used to support the following tools: U208 and U206 unishears (furnished as standard equipment), 565 and 566 portable grinders, and U212 unishear. This spring allows the operator to cut large sheets of metal or move the grinder over greater distances without the effort required if held only by hand.

universal type motor units

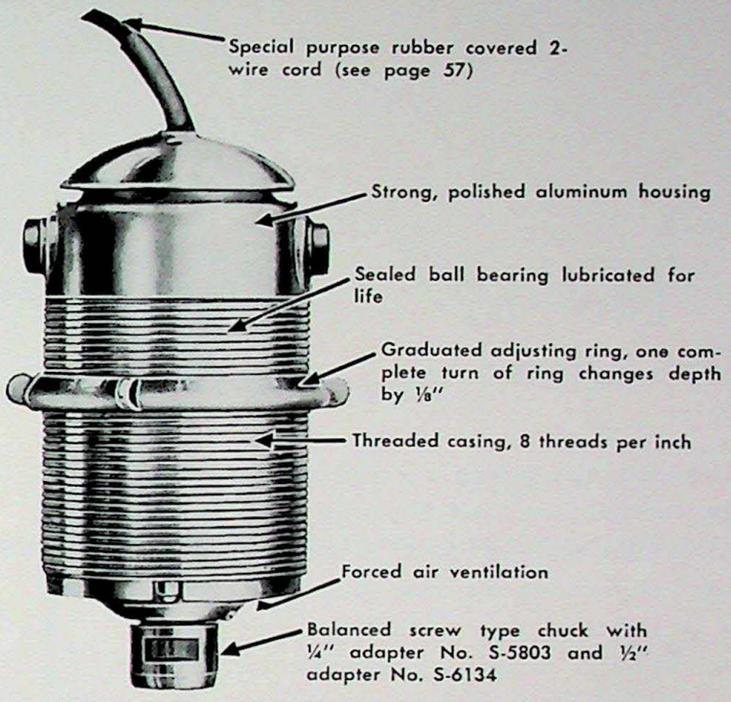
for routers, shapers, planes and other tools shown on the following pages

STANLEY

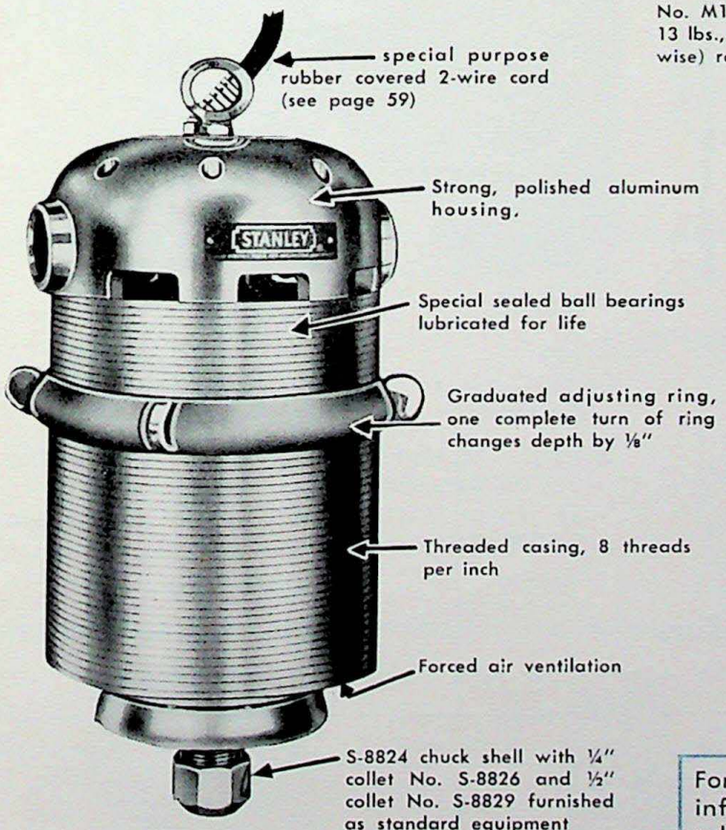
For operation on D.C. or A.C. single phase, 60 cycles or less. Standard voltage ratings — 115, 125, 150, 200, 230 or 250.


Rubber covered 3-wire cord, one wire for grounding
Push button locking device secures shaft for rapid changing of bits and cutters
Double pole switch, readily accessible, lever recessed, protected
Polished aluminum finish
Threaded casing, 16 threads per inch
Sealed ball bearings lubricated for life
Forced air ventilation
¼" capacity collet type chuck

No. 8 — ½ h.p., net weight 5½ lbs., shipping weight 7 lbs., speed (no load) 20,000 r.p.m., right hand (clockwise) rotation, diameter 3 5/16", length 7⅜".

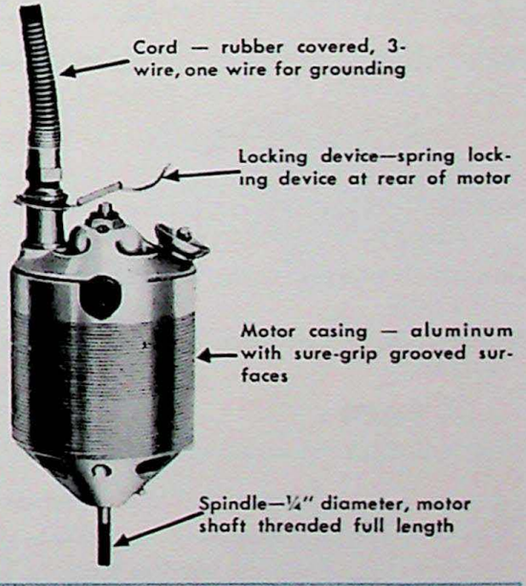

Special purpose rubber covered 2-wire cord (see page 57)
Strong, polished aluminum housing
Sealed ball bearing lubricated for life
Graduated adjusting ring, one complete turn of ring changes depth by ⅛"
Threaded casing, 8 threads per inch
Forced air ventilation
Balanced screw type chuck with ¼" adapter No. S-5803 and ½" adapter No. S-6134

No. M1 — 1 hp., net weight 8½ lbs., shipping weight 13 lbs., speed (no load) 18,000 r.p.m., right hand (clockwise) rotation, diameter 3⅞", length 8½".


special purpose rubber covered 2-wire cord (see page 59)
Strong, polished aluminum housing.
STANLEY
Special sealed ball bearings lubricated for life
Graduated adjusting ring, one complete turn of ring changes depth by ⅛"
Threaded casing, 8 threads per inch
Forced air ventilation
S-8824 chuck shell with ¼" collet No. S-8826 and ½" collet No. S-8829 furnished as standard equipment

No. M2 — 2 h.p., net weight 18 lbs., shipping weight 21¾ lbs., speed (no load) 15,000 r.p.m., right hand (clockwise) rotation, diameter 5 5/16", length 10 3/16".

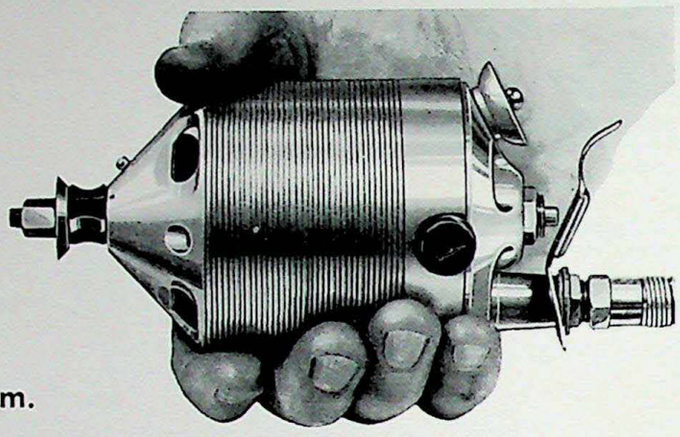
No. S7 — 1/7 h.p., speed (no load) 18,000 r.p.m., net weight 3½ lbs., shipping weight 4½ lbs., right hand (clockwise) rotation, diameter 3", length 6".


Cord — rubber covered, 3-wire, one wire for grounding
Locking device—spring locking device at rear of motor
Motor casing — aluminum with sure-grip grooved surfaces
Spindle—¼" diameter, motor shaft threaded full length

For complete dimensional and performance data or information on left hand (counter-clockwise) rotation, address your inquiry to Stanley Electric Tools, New Britain, Conn., U.S.A.

STANLEY

hand shaper

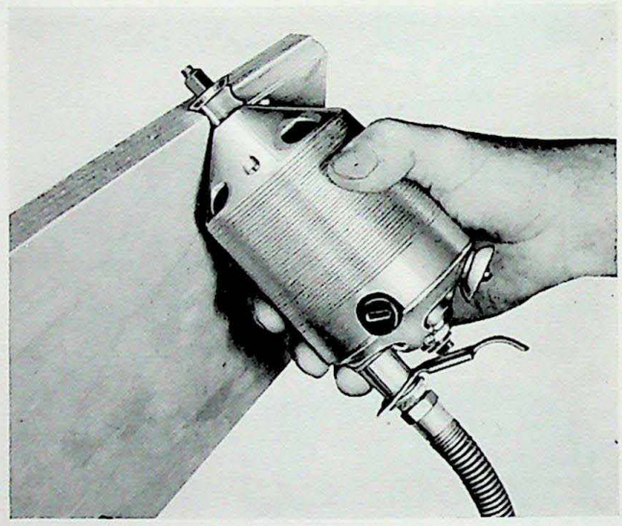


No. S7

1/7 h.p., 18,000 r.p.m.

This small size shaper is a real time saver. It is the world's fastest hand shaper for scores of operations. The work produced is smooth and uniform, eliminating the need of sanding. Because of its light weight and small diameter (only 3 inches) it is particularly valuable for use on assembled work in making corner cuts, such as beads, chamfers, rounds and coves.

One nut holds cutters securely on motor shaft. Handy spring locking device secures the shaft for quick changing of cutters. A guide collar, beveled at a 90° angle to the front endshield, is located between the cutter and nut.



features

Spindle — ¼" diameter, motor shaft threaded full length.

Locking device — spring locking device at rear of motor.

Motor casing — aluminum with sure-grip grooved surfaces.

Cord — rubber covered, 3-wire, one wire for grounding.

Specify — Stanley S7 shaper and the following will be furnished:

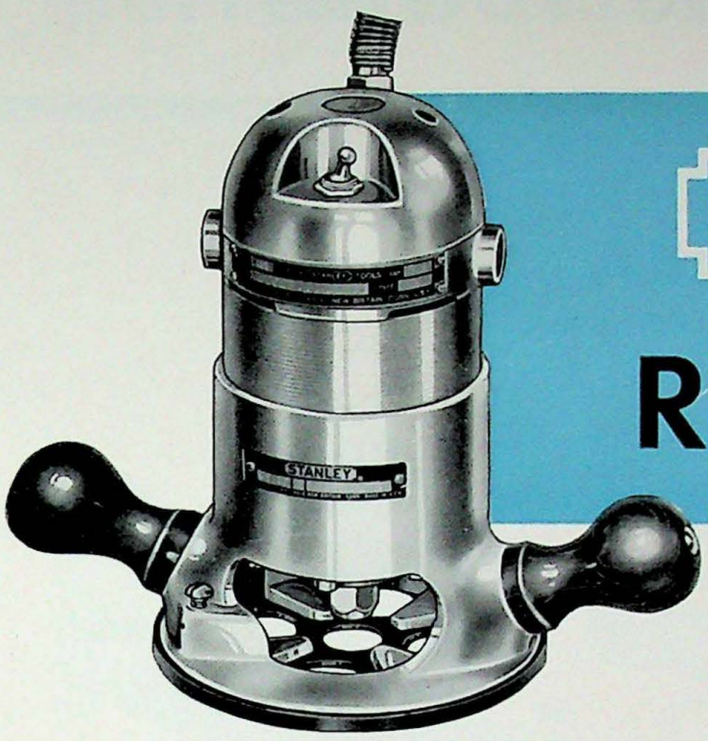
S7 motor, S-6131 bevel guide collar, two S-6050 shaft nuts, P-4005 wrench.

specifications

Motor: 1/7 h.p. universal, operates on either D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	net weight	shipping weight
S7	18,000 r.p.m.	115, 125, 150, 200, 230 or 250 as specified	3½ lbs.	4½ lbs.

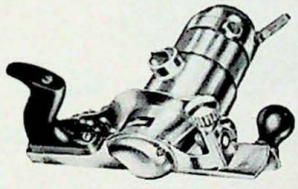
Use cutters of the 3000 series only (¼" dia. holes). Sold as extra equipment. Described on page 84.



STANLEY

R8A router

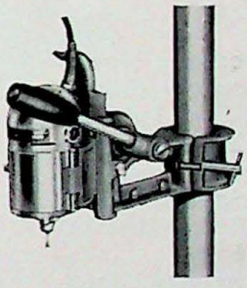
the most versatile router on the market



J38 plane

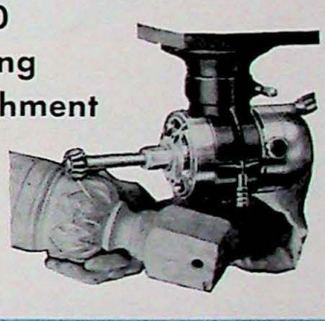
see page 65

GA138 overarm

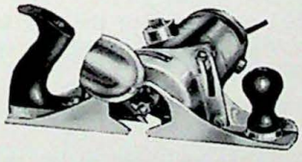


see page 54

GA20 carving attachment



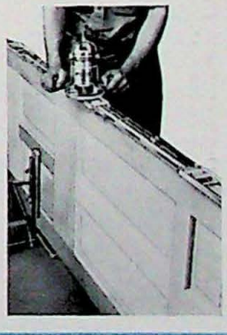
see page 54



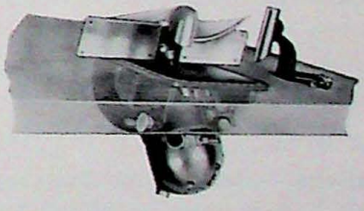
WS8A groover

see page 77

HB8A hinge butt router



see page 73

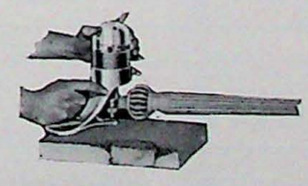


S80 bench shaper

see page 52

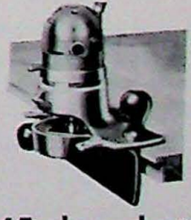
dovetail attachment

see page 55



GA46 beading and fluting attachment

see page 54



GA45 door bottom attachment

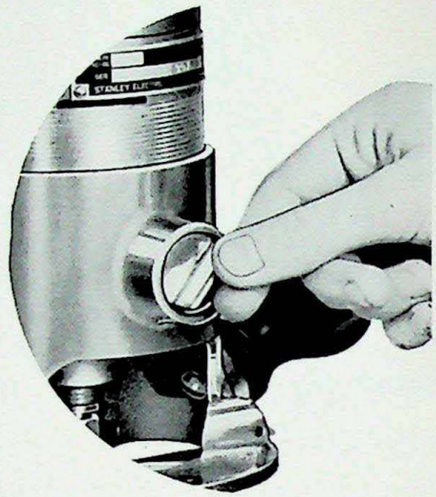
see page 77

STANLEY

portable router

No. R8A

½ h.p., 20,000 r.p.m.



The Stanley R8A router is the most versatile woodworking tool on the market today. There are dozens of basic routing operations, and thousands of applications for these operations. This router has proven itself invaluable to woodworking shops, contractors and builders, industrial repair shops, plastic fabricating plants, or any place where wood or plastics need to be cut to standard or unusual shapes.

This router is furnished with a sub-base which glides freely and protects fine surfaces. All of the templet guides may be attached to the base, with the exception of guides for veining, core box work and beading and fluting. These are designed for attachment to the front motor endshield.

quick-acting micrometer depth adjustment and locking device

1. The clamp screw locks motor to the base by means of a pressure pad which fits the threads of the motor casing.
2. A half-turn to the left releases pad pressure but keeps threads engaged. Turn the motor in the base for precise depth adjustment — ¼ turn of motor for 1/64" depth.
3. One full-turn of clamp screw to the left frees motor for quick adjustment of depth or complete removal from the base.

features

Bearings — sealed ball bearings. **Motor and base** — polished aluminum. **Chuck** — ¼" precision collet type. **Shaft lock** — push button locking device secures shaft for rapid changing of bits. **Cord** — rubber covered, 3-wire, one wire for grounding. **Specify** — Stanley R8A router, indicating voltage, and the following items will be supplied as standard equipment: No. 8 motor (with GA-74 chuck), GA-197 router base (with GA-207 sub-base), P4009 wrench.

specifications

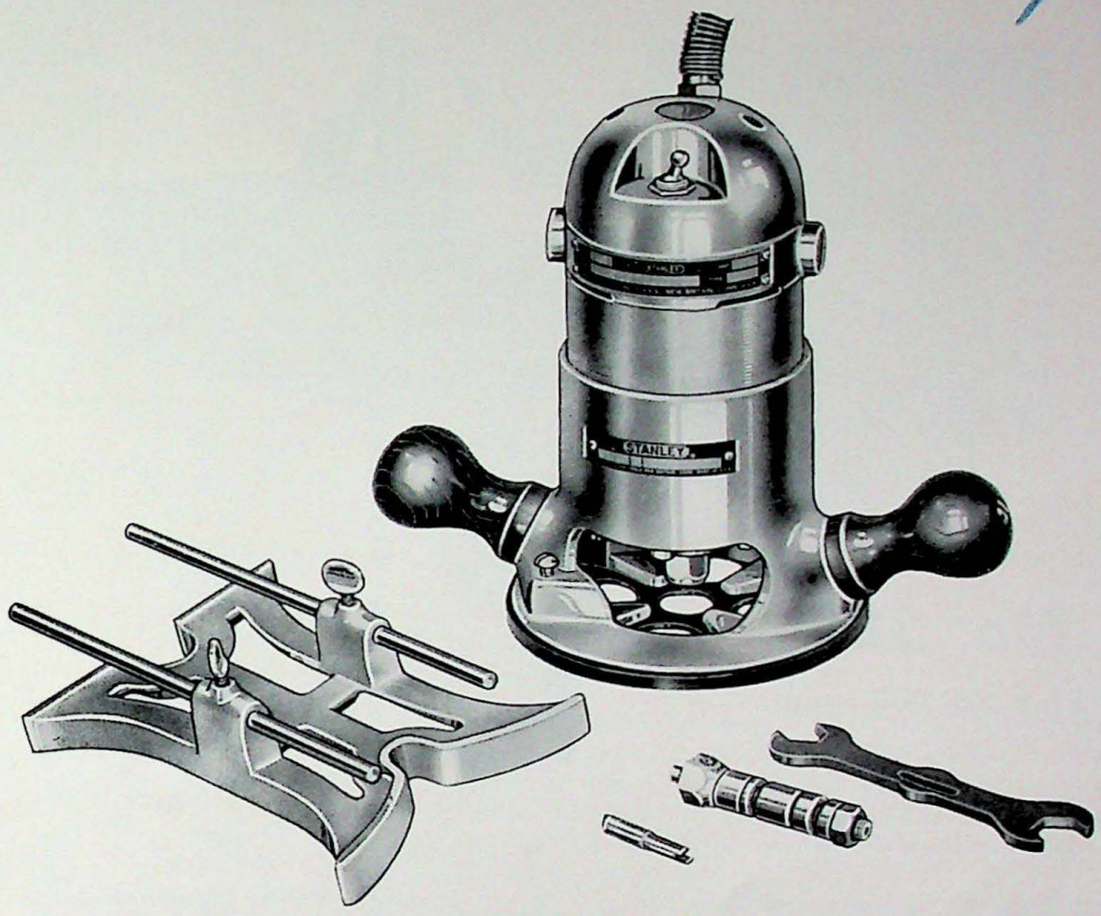
Motor: ½ h.p. universal, operates on either D.C., or A.C., 60 cycles or less.

No.	speed (no load)	voltages	net weight	shipping weight
R8A	20,000 r.p.m.	115, 125, 150, 200, 230 or 250 as specified	6¾ lbs.	8 lbs.

Router bits — all bits with ¼" shank shown on pages 81 and 82 can be used in this router. The R8A router may be converted to any one of the tools shown on page 49. For further accessories see pages 79 to 88.

portable router-shaper

STANLEY



No. RS80

½ h.p., 20,000 r.p.m.

There has never been a piece of woodworking equipment so compactly built that will handle such an amazing number of operations. Beading, fluting, veining, all types of inlaying, mortising, dovetailing, routing, templet routing, shaping, grooving and many other cuts, dependent only on the user's ingenuity, can be accomplished with the Stanley RS80. The high speed power unit (20,000 revolutions per minute) assures beautifully finished cuts without sanding.

The RS80 router-shaper may be converted into the same tools as the R8A. See page 49. For further accessories see pages 79 to 88.

features

All specifications for the RS80 router-shaper are the same as for the R8A router. See previous page.

Specify — Stanley RS80 router-shaper, indicating voltage, and the following items will be supplied as standard equipment:

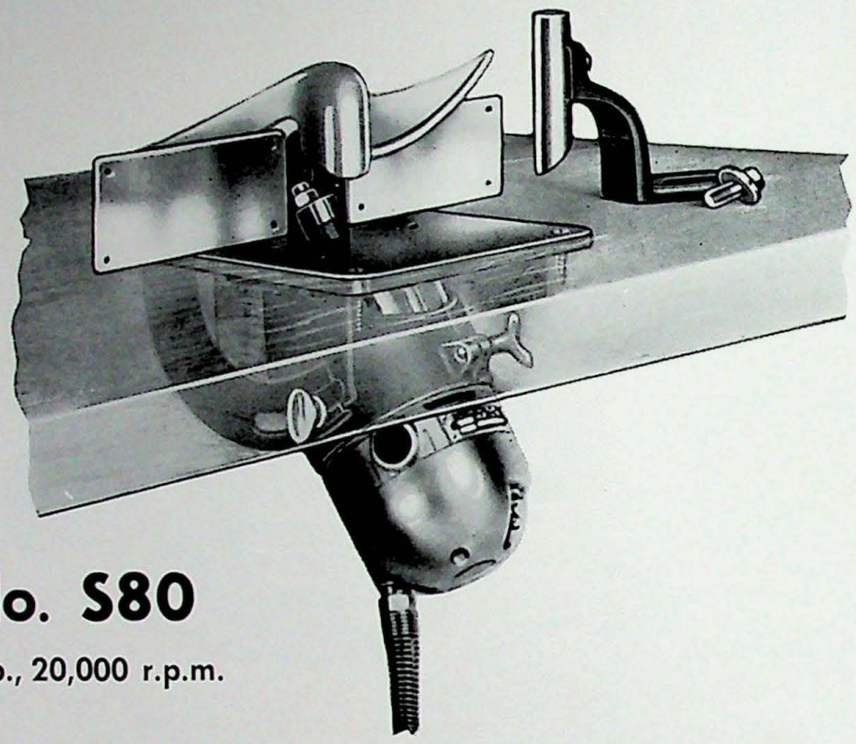
No. 8 motor (with GA-74 chuck)
GA-197 router base (with GA-207 sub-base)
GA-2 arbor 208 router bit
GA-39 straight and circular gauge
GA-192 templet guide P4009 wrench
Net weight 6¾ lbs. Shipping weight 9 lbs.

Router bits — all bits with ¼" shanks shown on pages 81 and 82 can be used in this router-shaper.

Cutters—all cutters with 5/16" arbor holes shown on page 84 can be used in this router-shaper. However, the load depends upon cutter size, depth of cut, rate of feed, hardness of material and sharpness of cutting edges. Example: use a sharp 4132 cutter at 3/16" depth and feed at a rate of 5 feet per minute in soft pine. This represents continuous duty loading.

STANLEY

bench shaper



No. S80

½ h.p., 20,000 r.p.m.

With this bench shaper you can convert a section of your work bench to a shaper table, and make a wide variety of light moulding cuts, tongue, groove, chamfer, cove, rabbet, and many other straight and irregular shapes in either wood or plastics. The motor unit can be tilted in its holder up to 45 degrees. Each degree gives a different cut with the same cutter or cutters. See page 83.

The No. 43 straight fence is provided with a spring safety guard which also acts as a light hold-down. The right shoe of the fence is adjustable for depth of cut up to the full cutting radius of the cutter.

The No. 44 circular guide is used for shaping circular and irregular work. This accessory is mounted on the plate so that the tube of the guide is centered directly above the cutter.

Specify — Stanley S80 bench shaper and the following will be supplied as standard equipment:

No. 62 shaper plate (9″ x 9″)

No. 43 straight fence

No. 44 circular guide

No. 8 motor (with GA-74 chuck)

GA-2 arbor

P-4009 wrench

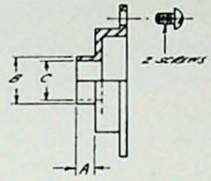
Shipping weight 14½ lbs.

The Stanley No. 8 motor can be used to power other tools such as: router, plane, weatherstrip groover, hinge butt router, etc. (See page 49.)

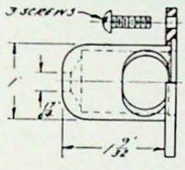
Cutters of the 4000 series with 5/16″ arbor holes should be used in this motor, however, the load depends upon cutter size, depth of cut, rate of feed, hardness of material to be cut and sharpness of cutting edges.

Example: Use a sharp 4132 cutter at 3/16″ depth and feed at a rate of 5 feet per minute in soft pine. This represents continuous duty loading.

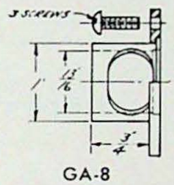
templet guides



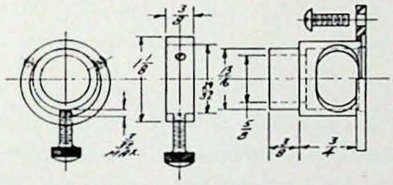
No.	purpose	A	B	C
GA-187	General	25/64"	7/16"	3/8"
GA-188	General	17/64"	5/8"	17/32"
GA-189	General	25/64"	1/4"	3/16"
GA-190	Recess & Insert	17/64"	5/16"	1/4"
GA-192	General	25/64"	3/8"	5/16"
GA-194	Hinge Butt	29/64"	5/8"	17/32"
GA-195	Large Dovetail	9/64"	7/16"	3/8"
GA-196	Small Dovetail	11/64"	5/16"	17/64"



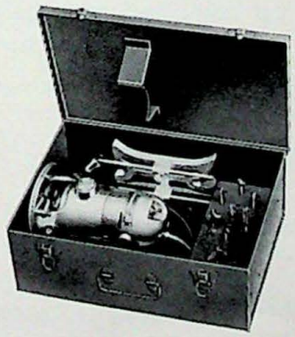
GA-10



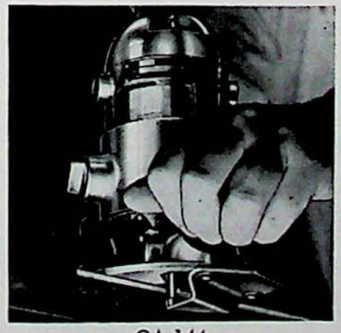
GA-8



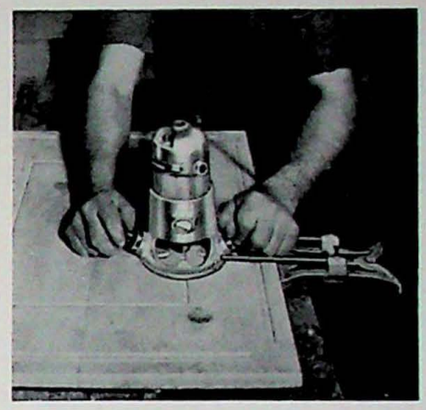
GA-12



EPM284 carrying case



GA-144



GA-39 gauge

GA-39 straight and circular gauge — the GA-39 gauge is used to guide the router in making inlays, grooving, rabbeting and veining cuts. One end of the gauge is used for guiding along straight edges, the other end for circular work. The gauge rods fit into the router base and the gauge is fully adjustable for location of the cut.

Templet guides for base of R8A and RS80 routers — these guides attach to the base and follow the contour of a templet placed on top of the work. The router bit extends through and below the guide to cut to the depth desired. Select guides having "C" dimension slightly larger than the diameter of the router bit to be used.

Using the R8A router, a perfect fit can be obtained in block inlay work or veneer patching by attaching the GA-190 recess and insert guide. This guide has a ring with 1/8" wall and is used with a 1/8" straight bit in the router. The ring is used to cut the recess and removed to cut the insert. Both cuts are made with the same templet.

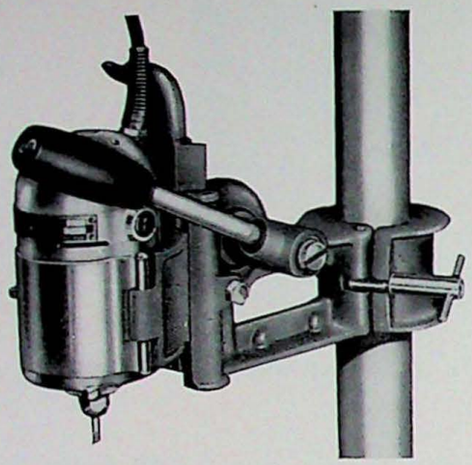
The GA-194 guide is used for hinge butt routing (see page 73). The GA-195 and GA-196 guides are used with the dovetail attachments shown on page 55.

Templet guides for motor — the following templet guides attach directly to the motors of the R8A router and RS80 router-shaper:
The GA-8 veining guide is used for veining cuts on concave surfaces, such as the back of a chair. The GA-10 core box guide is used with router bits Nos. 416-422. The GA-12 guide is used with the GA-46 beading and fluting attachment shown on page 54.

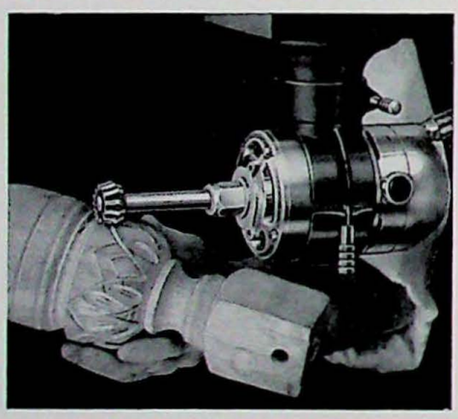
EPM-284 carrying case — metal case for holding the R8A router or RS80 router-shaper. Has compartments for bits and accessories.

GA-144 veneer trim guide — designed to trim veneer edges. Gives a clean cut on furniture veneers.

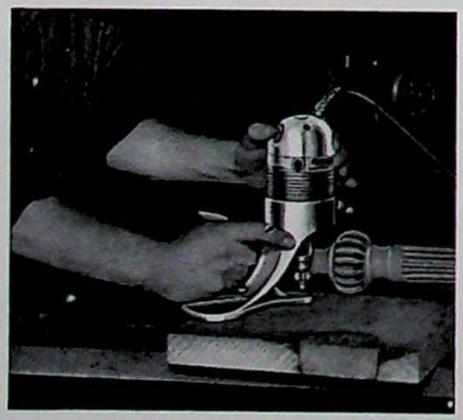
attachments for no. 8 motor



GA-138 overarm with No. 8 motor



GA-20 carving attachment with No. 8 motor and GA-16 arbor



GA-46 beading and fluting attachment with No. 8 motor

overarm routing

This handy overarm attachment enables the owner of a drill press to adapt his equipment for routing operations. All you need is the GA-138 overarm attachment and the Stanley No. 8 motor. The GA-138 overarm fits a 2½" and 2¾" drill press column and may be adapted to a 2" column; can be attached to drill press in a few minutes. One of the overarm's features is its simplicity of operation when doing flat carving or routing; just lower the unit to the correct depth with one hand, hold the work with the other, lock the unit in place by simply turning the handle.

The "ways" of the vertical adjustment are machined to very close tolerances which eliminates vibration. The motor holder and lock are positive.

Specify (in addition to motor):
GA-138 overarm attachment. Shipping weight 19¾ lbs.

spindle carving

The GA-20 spindle carving attachment can be mounted upside down, vertically on a wall, or horizontally on a bench, and swiveled to any position for convenient operation. The equipment is equally useful for carving small or large pieces. The carving arbor is threaded 3/16" x 24 for attachment of carving cutters.

Specify (in addition to motor):
GA-20 carving attachment. Shipping weight 3½ lbs.
GA-16 carving arbor

beading and fluting

The GA-46 attachment with accessories listed below is used for beading and fluting. The work is mounted in a lathe or similar indexing fixture. The adjustable guide bears against the work to regulate the depth of cut. The X4308, X4304, 4510, 4512 and 4514 cutters are suggested for this type of work.

Specify (in addition to motor):
GA-46 beading and fluting attachment. Shipping weight 2¼ lbs.
GA-12 beading and fluting guide
GA-2 arbor

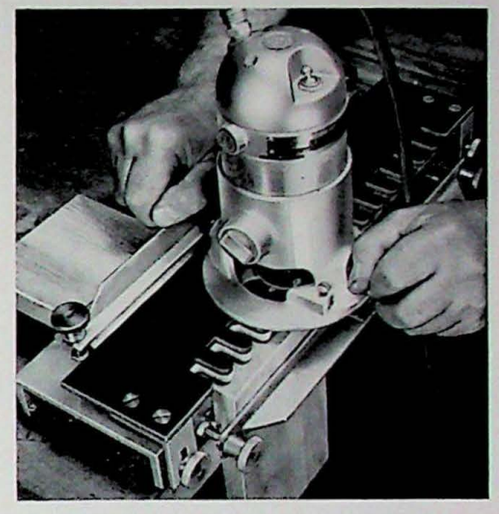
dovetail attachments

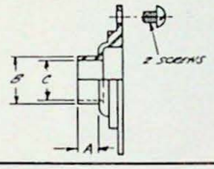
STANLEY

for R8A and R5B routers

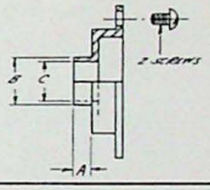
The Stanley attachments for cutting dovetails in wood or plastics are available in three sizes. With each attachment both the side and front of the corner dovetail joint are cut at the same time, and with only one setting. A guide mounted in the router base follows the fingers of the templet. A dovetail router bit extends through and below the guide to make the proper cut. The table below will help you select the proper attachment for your work:

No. of attachment	width of stock	thickness of stock
60A Dovetail (small cut)	to 12"	5/16" to 5/8"
61 Dovetail (large cut)	to 12"	7/16" to 1"
116 Dovetail (large cut)	to 16"	7/16" to 1"

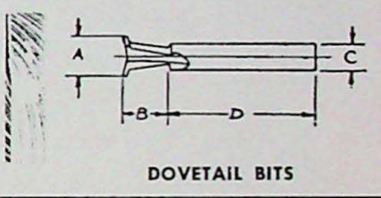




No.	A	B	C
GA-195 Guide	9/64"	7/16"	3/8"
GA-196 Guide	11/64"	5/16"	17/64"



No.	A	B	C
GA-180 Guide	1/8"	7/16"	23/64"
GA-183 Guide	5/32"	5/16"	17/64"



DOVETAIL BITS

No.	A	B	C	D
1012	9/32"	3/8"	1/4"	1 1/4"
1018	9/16"	7/16"	1/4"	1 3/32"

dovetail accessories

Bits and guides are not included with the above attachments, therefore the proper bit and guide should be selected and specified as follows:

No. 1012 bit for use with No. 60A.

No. 1018 bit for use with No. 61 and No. 116.

GA-196 for 60A
GA-195 for 61 and 116 } R8A — ½ h.p. router

GA-183 for 60A
GA-180 for 61 and 116 } R5B — 1 h.p. router

Shipping weights: 60A attachment: 8½ lbs. 61 attachment: 8½ lbs. 116 attachment: 11½ lbs.

finger templets

Each of the three dovetail attachments includes the proper finger templet. These templets may be ordered separately as follows:

GA-34 templet or 60A attachment (12" small cut)

GA-35 templet or 61 attachment (12" large cut)

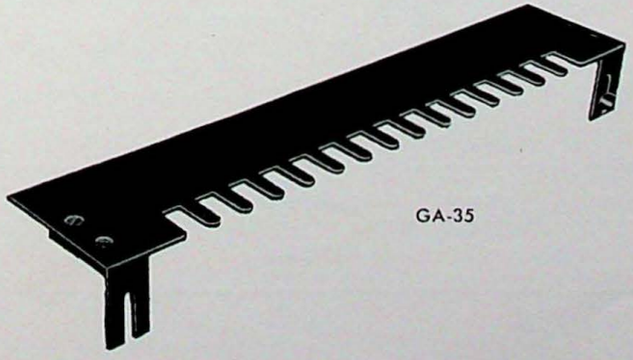
GA-40 templet or 116 attachment (16" large cut)

The GA-34 and GA-35 templets are interchangeable:

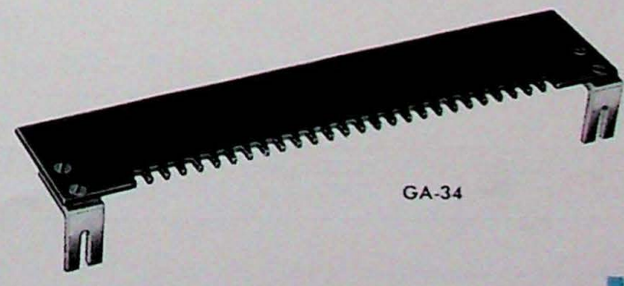
The GA-35 templet may be used to convert the 60A attachment to a 61 attachment.

The GA-34 templet may be used to convert the 61 attachment to a 60A attachment.

The GA-40 templet is not interchangeable with the others and can be used only on the No. 116.



GA-35



GA-34

high frequency

Motors of this type are available in various A.C. frequencies and voltage ratings. They are usually wound three-phase but can be obtained for two-phase operations. They will not operate single-phase nor on D.C. lines.

Induction motors are durable because the rotating element is virtually solid. There are no brushes nor commutator.

At the higher frequency ratings (cycles), this type of motor is capable of very high power output, considerably greater power than the Universal motor of the same dimensions will produce. See the table below.

motor	cycles	r.p.m. no load	h.p. max.
M-106	60	3600	0.7
M-112	120	7200	1.4
*M-118	180	10800	2.0
M-124	240	14400	2.8
*M-136	360	21600	4.0

*Available from stock in voltage ratings of 110, 220 or 440; three-phase.

Alternating current induction motors, rated higher than 60 cycles require frequency converters to change the 60-cycle power to the desired frequency. When operated at correct frequency these motors will carry their rated horsepower loads at practically constant speed.

Note: the horsepower table represents *maximum* output.

features

Air cooled — forced air-cooling system keeps motor cool under continuous use. Special end-shield deflects dirt particles from current of air entering motor for cooling.

Bearings — oil-sealed bearings designed for hard use. Require only occasional lubrication.

Housing—strong aluminum alloy, highly polished.

Chuck — screw type ¾" x 16 thread. Balanced and ground. Takes adapters for ¼", 5/16", ⅜" and ½" straight shank bits.

Standard equipment for either M-118 or M-136 motor includes S-5803 ¼" and S-6134 ½" bit adapters and a set of wrenches.

specifications

Motors: M-118 — 180 cycles, 2 h.p.; M-136 — 360 cycles, 4 h.p.

No.	speed (full load)	voltages	diameter	length	net weight	shipping weight
M-118 M-136	10,000 r.p.m. 20,000 r.p.m.	110, 220 or 440 3 phase as specified	3⅞"	8½"	9½ lbs.	13 lbs.

portable router

STANLEY

No. R5B

1 h.p., 18,000 r.p.m.

This Stanley router is the most popular portable router on the market. Surplus power, high speed, heat-treated shaft, oil-sealed bearings, comparative light weight, low center of gravity and positive, accurate depth adjustment are a few of the features embodied in its construction. A specially designed endshield prevents particles of dust entering the motor through the air-cooling system. Templet guides of various lengths and diameters can be furnished which, with the straight and circular gauge shown, give this router a range of use unequalled by any other for work on wood, plastics and soft metals.

features

Housing and base — strong aluminum alloy, highly polished.

Switch — enclosed double pole, high capacity switch conveniently located in the base.

Depth adjustment — motor casing is threaded and carries graduated metal ring. One complete turn of ring alters the motor ⅛" in base.

Cord — rubber covered, 3 wire — one wire for grounding.

Specify — Stanley R5B router, indicating voltage and the following will be supplied as standard equipment:

M1 motor, GA-170 router base (includes subbase), GA-49 straight and circular gauge, GA-182 templet guide (⅝" diameter), S-5803 adapter (for ¼" shank bits), S-6134 adapter (for ½" shank bits), FG-392 adapter wrench, FG-393 chuck wrench.

specifications

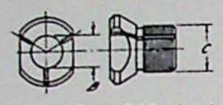
Motor: 1 h.p. universal, operates on D.C. or A.C., 60 cycles or less.

No.	speed r.p.m.	voltages	net weight	shipping weight	chuck
R5B	18,000 no load	115, 125, 150, 200, 230 or 250 as specified	10¾ lbs.	13½ lbs.	screw type ¾" x 16 thd.

New Britain, Conn., U. S. A.

accessories for R5B router and attachments for M1 motor

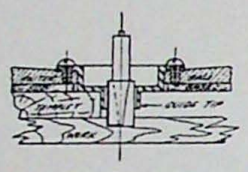
chuck adapters



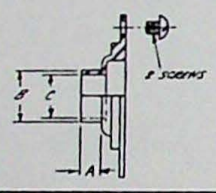
screws into R5B chuck

No.	B	C	for
S-5803	1/4	3/4 x 16 thread	1/4 shank bits
S-5804	5/16	3/4 x 16 thread	5/16 shank bits
S-5805	3/8	3/4 x 16 thread	3/8 shank bits
S-6134	1/2	3/4 x 16 thread	1/2 shank bits

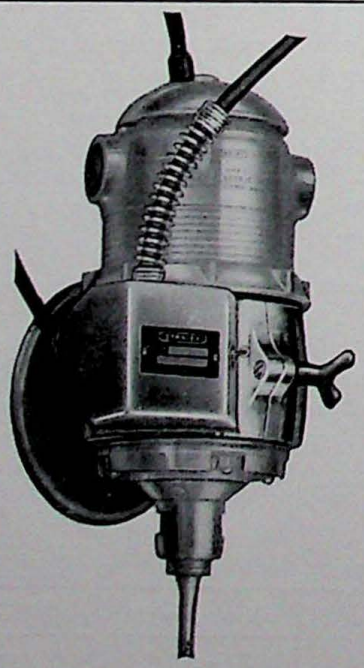
templet guides



application of templet guides



No.	Purpose	A	B	C
GA-184	hinge butt routing	7/16	5/8	11/32
GA-182	regular	1/4	5/8	17/32
GA-180	large dovetail	1/8	7/16	23/64
GA-183	small dovetail	5/32	5/16	17/64
GA-181	recess and insert	1/4	5/16	1/4
GA-185	stair routing	7/16	1	57/64
GA-186	stair routing	1/2	1 1/4	57/64



GA-171 bracket

Router bits — all of the router bits shown on pages 81 and 82 can be used with the R5B router.

Chuck adapters — the Stanley S-5804 and S-5805 adapters for 5/16" and 3/8" shank bits may be ordered as extra equipment for the R5B router and M1 motor.

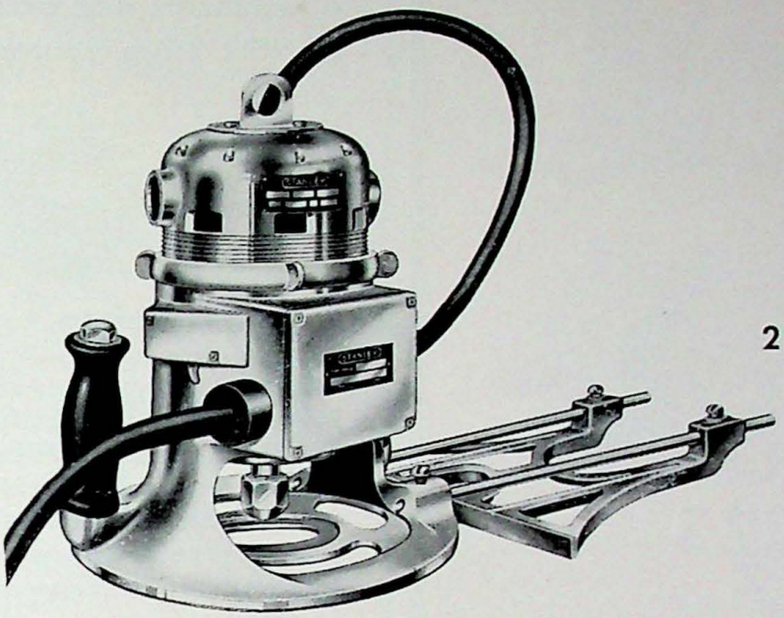
Templet guides — each of the guides listed is attached to the bottom of the router base. The tip of the guide extends below the base to follow the contour of a templet. Select guides which have "C" dimension slightly larger than the diameter of the router bit to be used. A holding nut is included with each guide.

Bracket for holding M1 motor — with this bracket it is possible to mount the M1 motor in a vertical or horizontal position on milling machines, drill presses, etc., thus converting them to high speed woodworking machines. The bracket has also been used effectively on specially built woodworking machinery by providing a simple and efficient holder for the M1 motor.

Specify — GA-171 bracket and switch. Shipping weight 4½ lbs.

portable router

STANLEY



No. R22

2 h.p., 15,000 r.p.m.

The R22 is a powerful, heavy duty production router. Exclusive Stanley safety features embodied in this machine include: Switch trigger placed for easy operation while retaining firm grip on the handles; machine will not roll when placed on its side. It is used for stair stringer routing, chamfering heavy timber, boat building, etc. It has the same micrometer depth adjustment as the smaller Stanley motor units. Motor casing is threaded and carries a graduated metal ring. One complete turn of the ring raises or lowers the motor ⅛" in base.

features

Housing and base — strong aluminum alloy, polished.

Air cooled — forced air cooling system keeps motor cool under use. Exhaust air is deflected toward chuck of motor to remove chips from work.

Bearings—special oversized sealed ball bearings.

Switch — enclosed, double pole, heavy duty trigger switch, can be operated as momentary contact or may be locked as operator desires.

Chuck — heavy duty, collet type. Collets furnished for ¼" and ½" shank bits.

Cord — heavy rubber covered, 3-wire, one wire for grounding.

Specify Stanley R22 router, indicating voltage, and the following will be supplied as standard equipment:
M2 motor with No. S-8824 chuck shell and ¼" collet No. S-8826 and ½" collet No. S-8829, GA-173 router base (includes cord), GA-224 straight gauge, FG-469 wrench, S templet guide, FG-392 wrench.

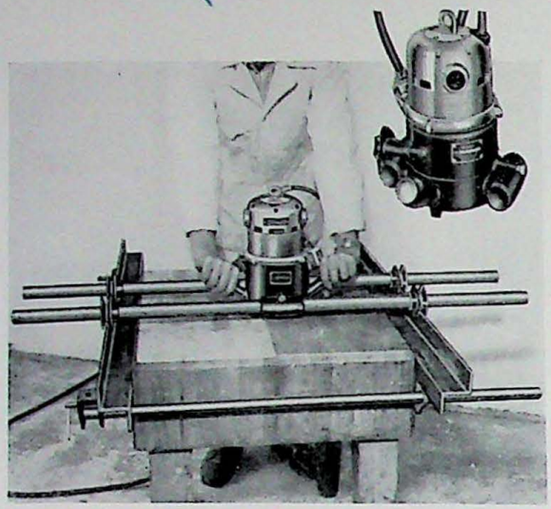
specifications

Motor: 2 h.p. universal, operates on D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	net weight	shipping weight
R22	15,000 r.p.m.	115, 125, 150, 200, 230 or 250 as specified	27 lbs.	31 lbs.

New Britain, Conn., U. S. A.

meat block surfacer



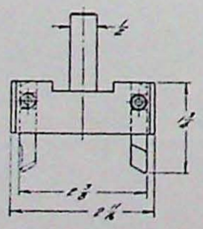
No. R23

2 h.p., 15,000 r.p.m.

The heavy duty R23 surfacer saves labor and expense in surfacing new and old meat blocks. The machine works easily and rapidly. The cutterhead produces a smooth, even surface in one pass. The base of the surfacer is bored 1-5/16″ on two sides to permit the use of standard 1″ pipe. Pipes, angle irons and clamps are not supplied, but may be purchased from any mill supply distributor. Depth of cut is determined by lowering the motor in the base. The motor casing is threaded and carries a graduated adjusting ring. One complete turn of the ring lowers or raises the motor ⅛″ in the base.

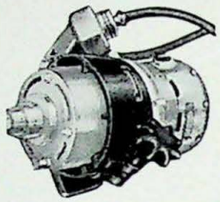
Specify—Stanley R23, surfacer, indicating choice of 115, 125, 150, 200, 230 or 250 volts, and the following will be supplied as standard equipment: M2 2 h.p. motor. GA-56 surfacing base. GA223 cutter head with 1 pr. 1916 cutters (see page 84).

Net weight 29 lbs. Shipping weight 46 lbs.



GA-223
cutter head

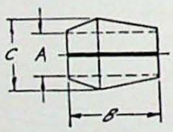
attachments and accessories for R22 2 h.p. router



GA-54 bracket for mounting M2 motor

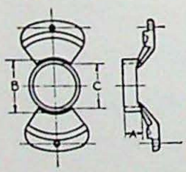
With this bracket it is possible to mount the M2 motor in a vertical or horizontal position on old belt-driven milling machines, drill presses, etc., thus converting them to high speed woodworking machines. This bracket has also been used effectively on special woodworking machinery by providing a simple and efficient holder for the M2 motor.

Specify — GA-54 bracket and switch. Shipping weight 12 lbs.

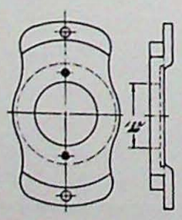


Collets — S-8826 and S-8829 are included with the R22 router as standard equipment. The S-8827 and S-8828 collets may be ordered as extras if required. See page 85 for specifications.

Router bits for the R22 router are shown on pages 81 and 82.



Templet guides — The R22 router includes an S templet guide as standard equipment. The larger T and GA-38 guides may be ordered as extras when desired. These three guides are mounted directly to the GA-173 router base, and templet guide adapters are not required. See page 85 for specifications.



GA-221 guide support — For some applications it may be desirable to use R8A templet guides with the R22 router. The GA-221 guide support, when mounted to the base of the R22 router, will accommodate any one of the R8A base guides listed on page 53. See page 85 for specifications.

overarm router-shaper

STANLEY

Stanley Overarm Routers, Nos. 103 and 101 have a well earned reputation for efficient operation in the woodworking industry. They are also widely used for cutting plastics and non-ferrous metals. Because of their extreme versatility this catalog can not cover the wide variety of applications for these machines. Our engineering facilities are extended to you for recommendations for solution of special or production cutting problems in all materials.

The M1 1 h.p., 18,000 r.p.m. universal motor, operates without vibration, and produces smooth, clean cuts that require no hand finishing. The direct drive feature eliminates the need of belts, gears, idlers, or jack shafts, which slip, wear, and consume power.

No. 103 combination router and shaper complete

To use as a router, a bit is fastened into the chuck of the motor unit, and the motor unit is held in the overarm. When used as a router, there is mounted under the table a templet pin holder in which are placed various sized pins for templet work. To use as a shaper, an arbor is screwed into the chuck of the motor to hold shaper cutters, and the motor unit is held in the patented tilting holder under the table.

specifications

See page 47 for motor.

Table — 24" x 35".

Throat — (from bit to yoke) 20".

Vertical adjustment of motor — 2". Maximum height from table to chuck 14". Shaper motor holder tilts backward 45°, forward 20°.

Voltage — choice of 115, 125, 150, 200, 230 or 250 volts.

Cable — 3-wire BX — one wire for grounding.

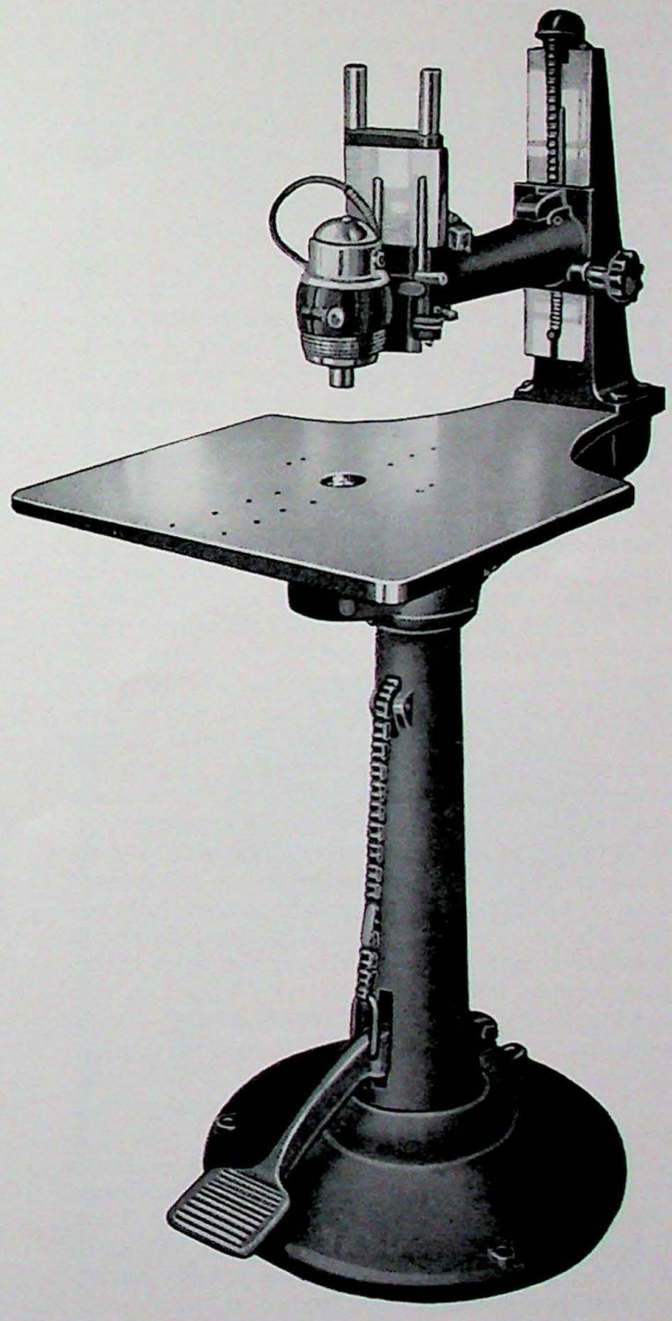
Switch — with overload protection.

Shipping weight: 475 lbs.

Specify—Stanley No. 103 overarm router-shaper, indicating voltage and the following will be supplied as standard equipment: M1 motor with S-6134 and S-5803 chuck adapters, GA-203 overarm router and shaper table, S2-720 arbor, GA-59 templet pin and chuck holder, TR-1003 guide pin and roll holder, and S-5812 guide pin roll.

No. 103

1 h.p., 18,000 r.p.m.



The above machine may be furnished in high frequency on special order. See page 56.

overarm router

No. 101
1 h.p., 18,000 r.p.m.

This overarm complete is furnished without a table for those shops which have a suitable bench for mounting. The No. 101 overarm complete includes: M1 motor with S-5803 chuck adapter for ¼" shank bits, S-6134 chuck adapter for ½" shank bits, GA-199 overarm, W2016 foot treadle, GA-60 templet pin chuck and holder, TR-1003 guide pin roll and holder, and S-5812 guide pin roll.

Specify — No. 101 overarm complete, indicating choice of voltage. Shipping weight 280 lbs.

accessories for No. 103 and 101 overarms and 104 shaper

Templet pin chucks — The GA-59 templet pin chuck mounted in the hole in the GA-203 table, is used with the No. 103 when routing to a templet. A templet pin, or pin and roller of the diameter of the router bit used, is inserted in the chuck and follows the contour of a templet which is clamped to the bottom of the work. The GA-60 templet pin chuck and holder is similar to the GA-59 except that it is made to attach to a wood table with the No. 101 overarm.

Templet pins and rollers — The TR-1003 pin is used to support guide rollers which are held on by a snap ring at the end of the pin. The S-6876 and S-6877 pins do not hold rollers, but bear directly against the templet.

Shaper arbors for No. 103 — The S2-720 arbor is included as standard equipment with the No. 103. The S2-711 arbor for the 6000 series cutters having 9/16" arbor holes (see page 84) may be ordered as an extra. Both arbors which include a set of spacer collars are shown on page 85.

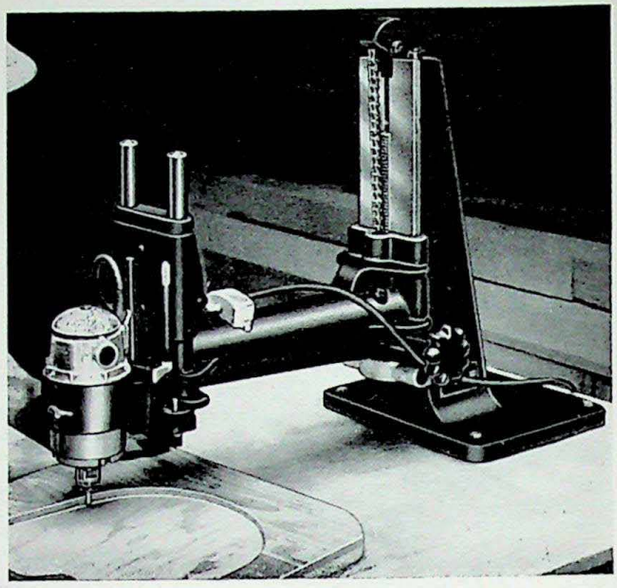
C-53 adjustable fence for Nos. 103 and 104—Both sides are easily adjusted with micro-adjustment feed screws. Wood facings on shoes are fully adjustable for large and small cutters. Center is bored out and acts as exhaust for chips. Shipping weight 16 lbs.

C-54 hold-down for Nos. 103 and 104 — Fully adjustable and equipped with spring tension. Easily mounted on C-53 fence. With C-55 tension shoe it acts to keep work in position and prevent kickback. Shipping weight 6 lbs.

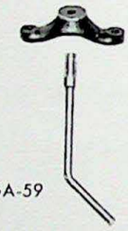
C-55 tension shoe for Nos. 103, 104 — Holds small work up to cutter for safe operation. Mounts directly on table. Shipping weight 3 lbs.

GA-48 circular guide for Nos. 103 and 104—Used on either straight or circular edges. Fully adjustable, shipping weight 3½ lbs.

Router bits and shaper cutters — See pages 81 and 82 for router bits; any of the bits shown may be used in these machines. Select shaper cutters of the 4000 or 6100 series as shown on page 84.

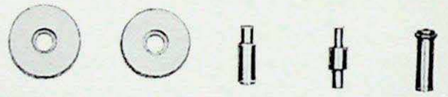


101 overarm router



GA-59

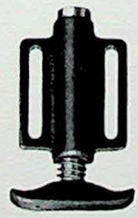
templet pins and rollers



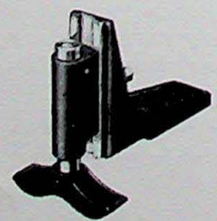
S-5818 S-6878 S-6876 S-6877 TR1003

TR-1003 — ¼" Pin for Rollers
S-6876 — 3/16" and ¼" Pin (double end)
S-6877 — 3/32" and ⅛" Pin (double end)
S-5808 — 5/16" Roller
S-5809 — ⅜" Roller
S-5810 — 7/16" Roller
S-5811 — ½" Roller
S-5812 — 9/16" Roller
S-5813 — ⅝" Roller
S-5814 — 11/16" Roller
S-5815 — ¾" Roller
S-5816 — 13/16" Roller
S-5817 — ⅞" Roller
S-6878 — 15/16" Roller
S-5818 — 1" Roller

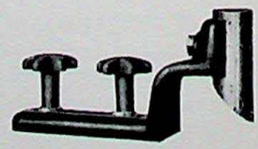
C-53 fence



C-55 spring tension shoe



C-54 hold-down



GA-48 circular guide

table shaper

STANLEY

With this machine, scores of operations may be done, such as rounding, coving, beading, inlays, panel sinking, inside and outside shaping in wood and plastics.

The well-known and exclusive Stanley tilting feature allows the arbor to be tilted backwards to 45° and forward to 15°. This feature enables the operator to make an infinite variety of cuts with the Stanley cutters shown on page 84. Adjustment of elevation of cutter is quickly made by turning the ring on the threaded motor casing. One full turn equals ⅛". The motor does not have to be turned — no cord to tangle up. It is also equipped with a graduated angle indicator.

This machine uses the M1 motor. (See page 47.)

The GA-205 table is made of heavy cast iron assuring rigidity. The table, 16½" x 22½" is 37" from the floor. The surface of the table is scraped and flaked. It is also drilled and tapped to receive either straight or circular guides. Table is equipped with 3-wire BX cable, one wire for grounding. Switch with overload protection.

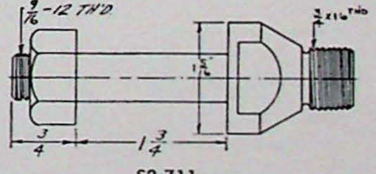
Specify — Stanley No. 104 shaper, indicating voltage and the following will be supplied as standard equipment: M1 motor with ¼" S-5803 and ½" S-6134 adapters, GA-205 shaper table, and S2-720 arbor. Shipping weight 180 lbs.

Cutter arbors — the S2-720 arbor takes shaper cutters of the 4000 series as shown on page 84. The S2-711 arbor takes shaper cutters of the 6100 series as shown on page 84. A set of spacer collars is included with both arbors.

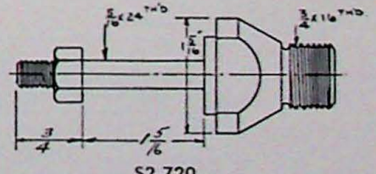
Accessories for the 104 shaper shown on page 62.

No. 104

1 h.p., 18,000 r.p.m.



S2-711



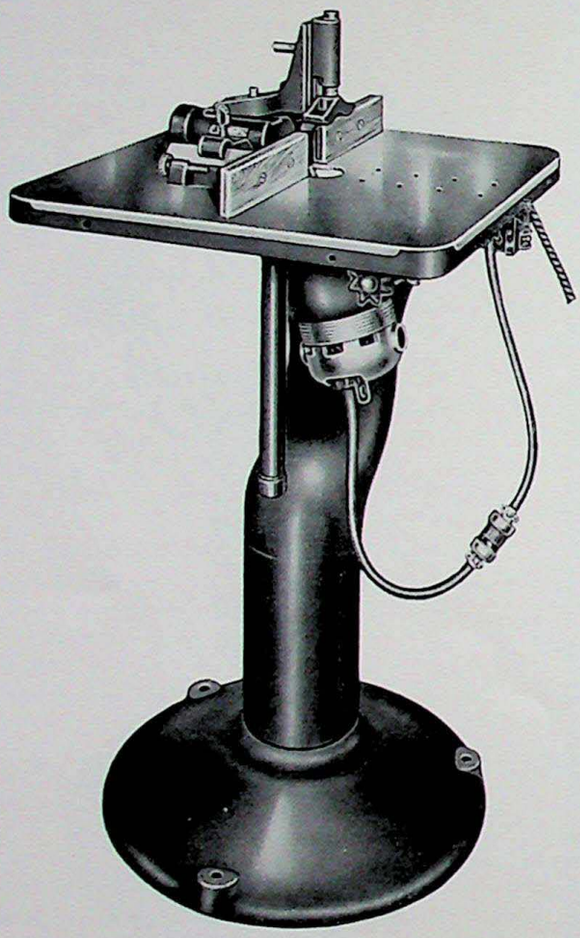
S2-720

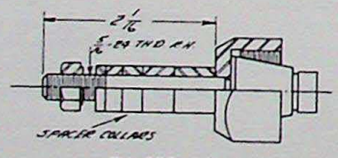
table shaper

No. S22

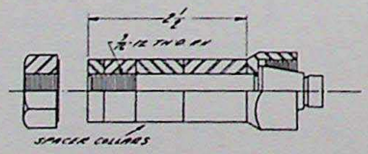
complete

2 h.p., 15,000 r.p.m.





GA-208 arbor



GA-209 arbor

The Stanley S22 table shaper is designed for heavy mill and production work. The M2 — 2 h.p. motor is of the universal type with no load speed of 15,000 r.p.m. See page 47.

features

Exclusive tilting motor arbor — The exclusive Stanley tilting feature enables the operator to make an infinite variety of cuts with the Stanley cutters shown on pages 83-84. It tilts forward 15° and backwards 45° and is secured in desired position by a handwheel readily accessible to the operator. The degree of tilt is accurately indicated by means of graduated indicator.

Ease of motor adjustment — Adjustment of the motor is quickly made by turning the ring on the threaded motor casing. One turn alters the motor ⅛". The motor does not have to be turned — no cord to tangle up. A locking pin is provided for accurate vertical location which locks the motor securely in that position. Two clamp bolts hold the motor in all positions.

Rigidity and finish — The GA-220 table and pedestal are made of heavy cast iron assuring rigidity. The 24" square table is 36" from the floor. The surface is scraped and flaked. The table is also drilled and tapped to receive guides and tension shoe. Table is equipped with 3-wire BX cable, one wire for grounding. Switch includes overload protection.

Specify Stanley S22 shaper complete, indicating choice of voltage and the following will be supplied as standard equipment: M2 motor with S-8824 chuck shell and ¼" S-8826 and ½" S-8829 collets.

GA-220 table GA-209 arbor
C-53 straight guide
Shipping weight 320 lbs.

Shaper cutters — of the 6100 series having 9/16" holes for use with the GA-209 arbor are shown on page 84.

Accessories — GA-208 arbor illustrated allows use of a wide variety of cutters of the 4000 series shown on page 84. Other accessories, C-53 fence, C-54 hold-down, C-55 tension shoe and GA-48 circular guide are shown on page 62.

Motor specifications — see page 47.

power plane

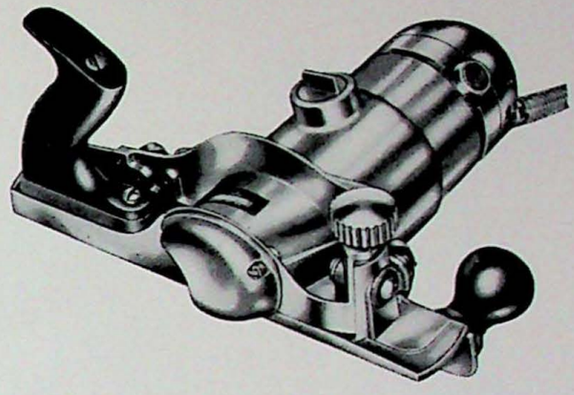
STANLEY

No. J38

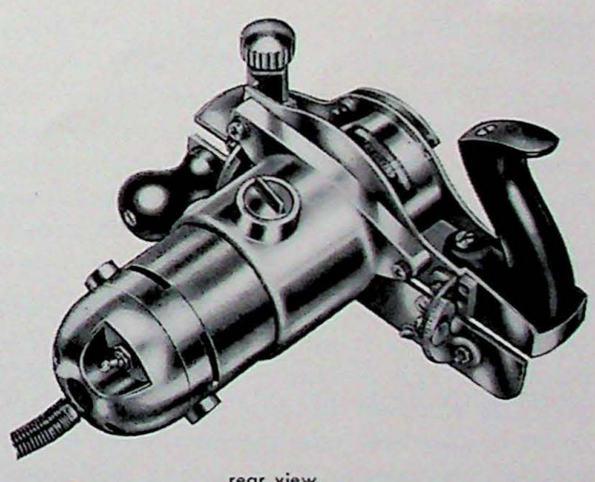
½ h.p., 20,000 r.p.m.

The Stanley J38 plane is designed to dispose of the chips in a manner which eliminates the possibility of particles becoming lodged under the plane shoe and marring the finished surface. The Stanley principle (patent applied for) combines control of air flow from the motor ventilating system and chip flow from the cutter itself in a manner which produces a positive disposal of chips to the rear and downward away from the cutter and away from the operator. A well constructed plane which will remain in perfect alignment.

There are hundreds of places where you can save with this handy plane — fitting doors, drawers, window sash, storm sash, screens, shutters, transoms and inside trim. Furniture manufacturers will find the J38 indispensable for fitting drawers after the work is assembled. This plane, when mounted in an inverted position, becomes a jointer.



front view



rear view

features

Designed to give perfect chip disposal.

Fence can be tilted to 45° inboard and 15° outboard for angle planing.

Front shoe adjustable from 0" to 3/32" depth.

Cuts up to 1-13/16" wide.

Easily adjusted while in operation.

Provided with adjustments for locating of cutter correctly in relation to rear shoe after regrinding.

Polished aluminum finish.

Side handle for keeping plane in balance during planing.

Motor is interchangeable with other tools, see page 49.

Specify J38 plane and the following will be supplied as standard equipment: No. 8 motor, GA-142 plane attachment, GA-30 arbor, No. 4158-S spiral cutter 1-13/16", and P-4009 wrench.

specifications

Motor: No. 8 — ½ h.p. universal, operates on either D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	length	net weight	shipping weight
J38	20,000 r.p.m.	115, 125, 150, 200, 230 or 250 as specified	10¾"	7½ lbs.	9 lbs.

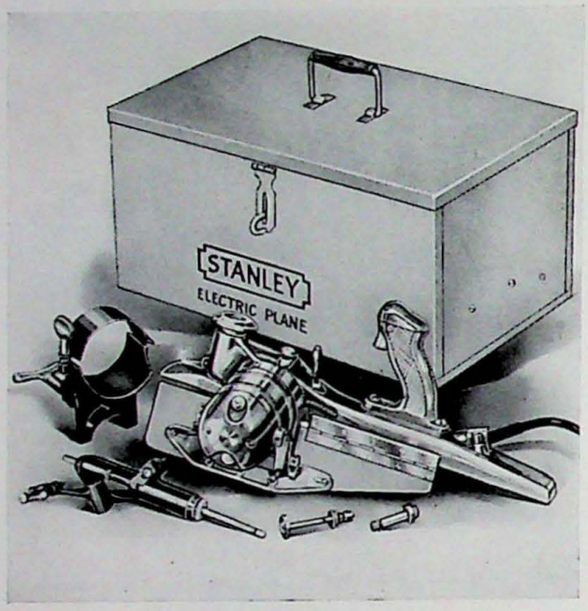
New Britain, Conn., U. S. A.

STANLEY

power plane

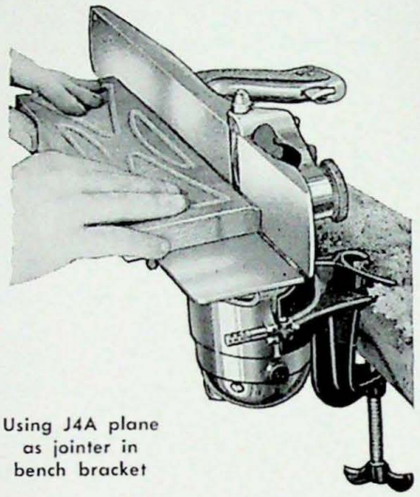
No. J4A

⅜ h.p., 18,000 r.p.m.



This electric tool will plane any edge — doors, sash, transoms, etc., up to 2-5/16″ wide — either straight or bevel cut and do it many times faster than by hand. Because of its high speed, (18,000 r.p.m.) and spiral cutter, smooth finishes may be made regardless of the grain of the wood. It can make roughing cuts up to 3/32″ depth. You can't match its work by hand.

It may also be used as a bench jointer for small work by setting it up in the bench bracket as illustrated. This bracket is furnished with each plane. *It sharpens its own cutters!* Using the bench bracket and grinding attachment it takes only a few minutes to restore a dull cutter to its original condition. The adjustable fence can be set for a straight or bevel cut from 0 to 45 degrees. Adjustment for depth of cut up to 3/32″ can be made either before or during the cut, by means of the dial knob located on the front of the plane.



Using J4A plane as jointer in bench bracket

The body and motor housing are made of polished aluminum alloy giving great strength with light weight. The power plane with all attachments is packed complete in a handy metal carrying case.

features

Bearings — ball bearings throughout.

Cord — rubber covered, 3 wire — one wire for grounding.

Specify J4A plane and the following will be supplied as standard equipment:

Power plane unit — ⅜ h.p.
Cutter grinding attachment
Grinding arbor with MS-198 wheel
2⅜″ spiral plane cutter No. 4176-S
Metal carrying case
P-5641 wrench
Bench bracket

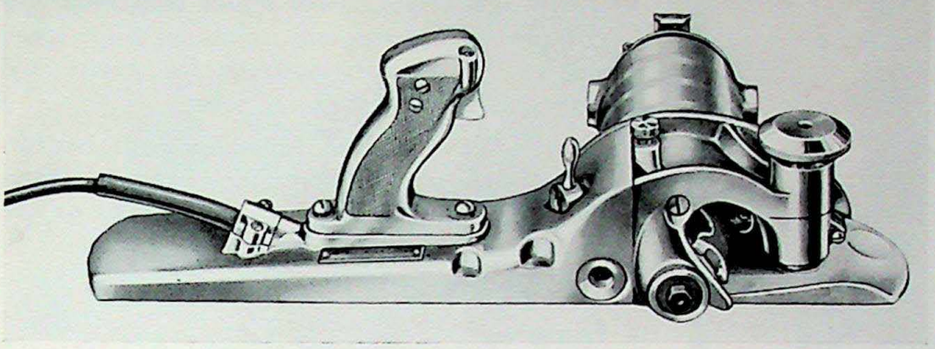
specifications

Motor — ⅜ h.p. universal type, operates on either D.C. or A.C., 60 cycles or less.

No.	speed r.p.m.	voltages	length	net weight	shipping weight
J4A	18,000 no load	115, 125, 150, 200, 230 or 250 as specified	18½″	11½ lbs.	33 lbs.

power plane

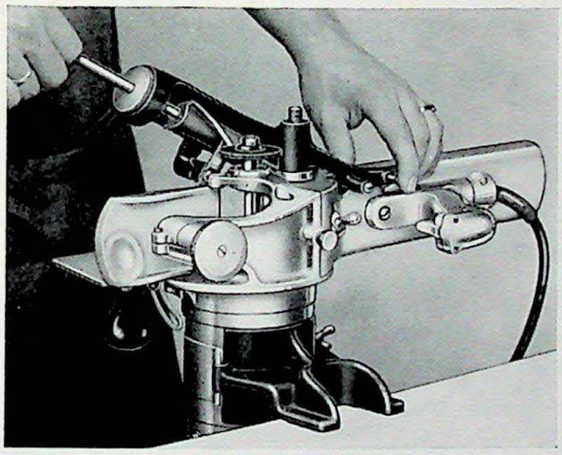
STANLEY



No. J5

1 h.p., 18,000 r.p.m.

the largest, most powerful electric plane on the market



Set up to use grinding attachment

features

Bearings — ball bearing throughout.

Cord — rubber covered, 3 wire — one wire for grounding.

Specify J5 plane and the following will be supplied as standard equipment: power plane, bench bracket, cutter grinding attachment, grinding arbor and MS-203 wheel. High speed steel spiral plane cutter No. 4196-S (2½" long, 1⅜" diameter), P-5641 wrench, grease gun, and metal carrying case.

The heavy duty J5 will plane surfaces up to 2½" wide in a fraction of the time required by hand. Use it to fit doors, sash, screens, storm windows, transoms, etc. Mount it in the bench bracket furnished and it becomes a high speed jointer.

The spiral cutter driven eighteen thousand revolutions per minute leaves a smooth, waveless surface with or against the grain, and it won't splinter out the edges.

The J5 plane is fully adjustable. The fence can be set for straight or bevel cuts up to 45°. The depth of cut can be quickly adjusted for paper thin or heavy cuts up to 3/16" either before or during the cut, by turning the graduated dial on the front of the plane.

Plane is made of high strength polished aluminum — light, rigid and rustproof. A thumb pad cast in the shoe of the plane and the wood knob make it easy to keep the plane square to the work. All wiring is inside, carefully insulated and protected — the cord emerges at the rear of the plane, out of the way. The trigger switch is double pole, momentary type for safety. It is also provided with a lock to keep the switch in the "on" position when used in the bench bracket.

Furnished with the plane is a patented grinding attachment which makes it possible to restore a dull cutter to its original keenness in only a few minutes.

The plane with all attachments comes to you complete in a metal carrying case.

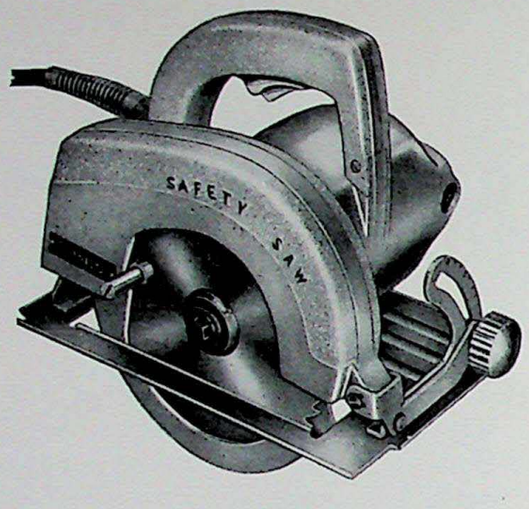
specifications

Motor — 1 h.p. universal type, operates on either D.C. or A.C., 60 cycles or less.

No.	speed r.p.m.	voltages	length	net weight	shipping weight
J5	18,000 no load	115, 125, 150, 200, 230 or 250 as specified	18½"	16 lbs.	47 lbs.

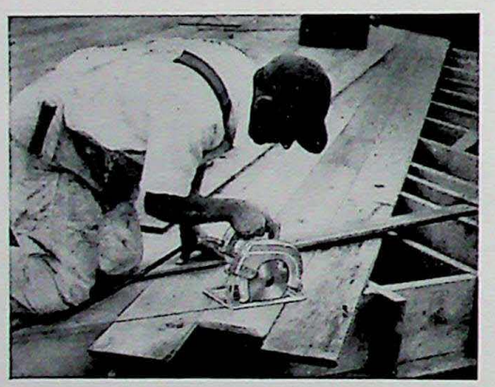
New Britain, Conn., U. S. A.

STANLEY safety saws



W65

full 2" cut



trimming rough flooring on the job

A new lightweight 6" saw which is designed for crosscutting and ripping. Combines high speed and sturdy construction. Built for service and dependability in all types of jobs.

Specify W65 and the following will be furnished: Saw with combination rip and crosscut blade (P-6474), wrenches, lubricant and packed in distinctive metal carrying case (EPM-946).

features

Fully polished die cast aluminum housing with sturdy steel base which extends on both sides of blade to support saw for right or left-handed cut.

Full ball and roller bearing construction throughout, helical gears.

Double-pole switch is momentary contact and placed to take advantage of "multi-grip" handle.

Handle has pebbled, non-slip surface.

Rubber covered three-wire cord with one wire for grounding.

Bevels at any angle 0° to 45°.

Automatic telescoping safety guard with finger knob for manual control.

Built in dust blower keeps work surface clean.

Exclusive Stanley blade flanges protect motor from shock loads.

6¼" saw blade has ¾" round arbor hole; any blade this size fits.

specifications

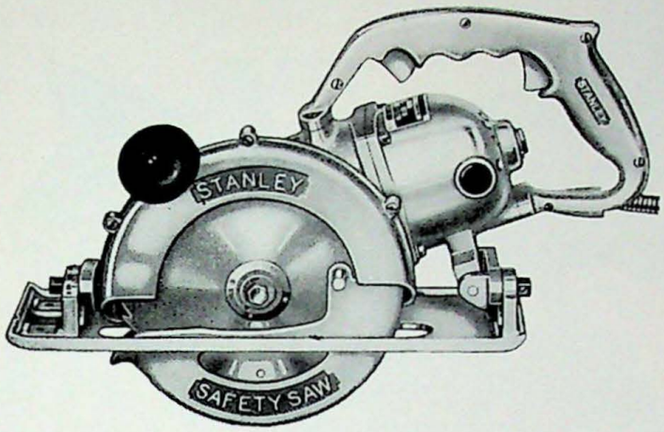
Motor: universal, D.C. or A.C., 60 cycles or less. No load speed: 5600 r.p.m.

type no.	saw blade	voltages	cutting capacity	net weight	shipping weight
W65	P-6474 comb. blade regular equipment	115, 125, 150, 200, 230 or 250 as specified	full 2" at 90° from ½" to 1½" at 45°	11¾	27 lbs.

accessories

GA-160 ripping guide available. For extra blades see page 72.

safety saws

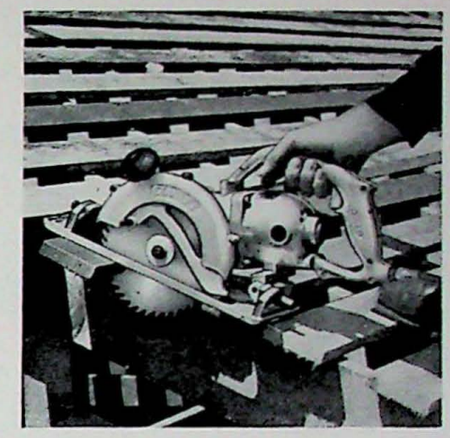


W7

cuts 0" to 2½"
full ball bearing

Portable electric saw with approved Stanley safety features and plenty of power for fast cutting. The duplex handle, an exclusive Stanley feature, permits convenient handling in any position. Simple wing nut adjustment for depth of cut. A practical saw for carpenters, builders and plant maintenance men.

Specify W7 saw and the following will be furnished: Saw with combination rip and crosscut blade (P-5792), ripping gauge, wrench, lubricant and heavy rubber covered three-wire cord (third wire for grounding). Packed in metal carrying case.



W7 trimming roof boards

features

Duplex handle — gives operator two gripping positions with easy acting switch triggers.

Heat-treated aluminum alloy base.

Gears — heavy duty, heat-treated ground alloy steel worm and alloy bronze worm wheel which run in a large grease chamber assuring constant lubrication and smooth operation in any position.

Base tilts so that bevel cuts can be made up to 1⅞" at 45°; accurate graduated scale.

Built in dust blower.

Approved automatic safety guard with manual control.

Simple wing nut adjustment for depth of cut and bevel.

Positive cord clamp eliminates strain on wire connections.

7½" saw blade has ¾" round arbor hole; any blade this size fits.

Exclusive Stanley blade flanges protect motor from shock loads.

specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

type no.	saw blade	cutting capacity	no load blade speed	net weight	shipping weight
W7	P-5792 comb. blade regular equipment	0" - 2½"	3700 r.p.m.	18 lbs.	43 lbs.

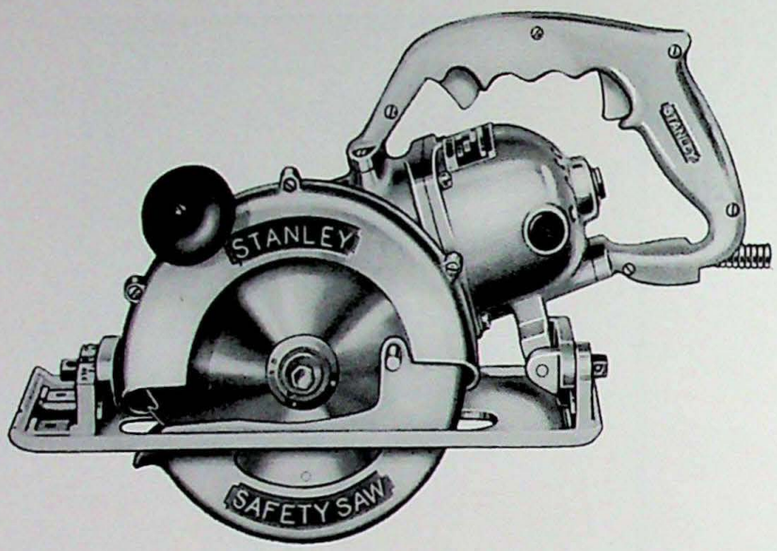
accessories

SA 369 outer flange for blades with other than round arbor holes.

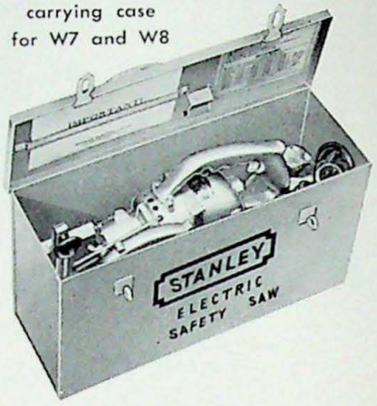
See page 72 for saw blades and abrasive wheels.

New Britain, Conn., U. S. A.

STANLEY safety saws



carrying case
for W7 and W8



W 8

cuts 0" to 2¾"
full ball bearing

Heavy duty safety saw with duplex handle and plenty of power for fast cutting. The duplex handle, an exclusive Stanley feature, permits easy handling in any position. Simple wing nut adjustment for depth of cut. Heavy rubber covered three-wire cord (third wire for grounding). Powerful, rugged, practical saw for carpenters, builders and industrial maintenance men. Specify W8 saw and the following will be furnished: saw with combination rip and crosscut blade (P-5849), ripping gauge, lubricant and metal carrying case.

features

- Duplex handle — gives operator two gripping positions with easy acting switch triggers.
- Heat-treated aluminum alloy base.
- Gears — heavy duty, heat-treated ground alloy steel worm and alloy bronze worm wheel which run in a large grease chamber assuring constant lubrication and smooth operation in any position.
- Bevel cuts can be made up to 2-1/16" at 45°.
- Approved automatic safety guard with manual control.
- Simple wing nut adjustment for depth of cut and bevel.
- Built in dust blower.
- Positive cord clamp eliminates strain on wire connections.
- 8" saw blade has ¾" round arbor; any blade that size fits.
- Exclusive Stanley blade flanges protect motor from shock loads.

specifications

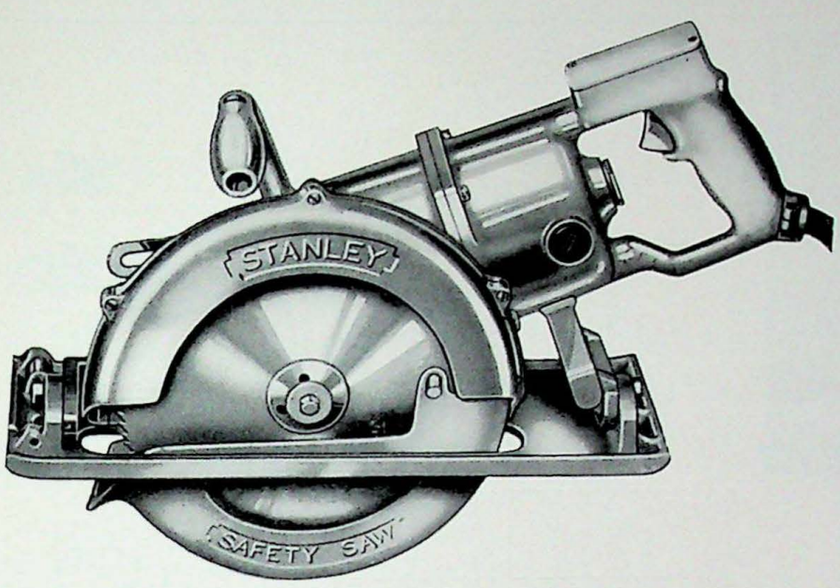
Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

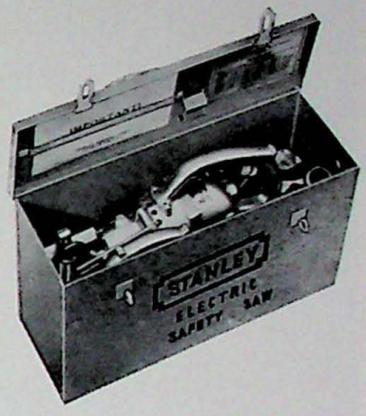
type no.	saw blade	cutting capacity	no load blade speed	net weight	shipping weight
W8	P-5849 combination blade, regular equipment	0" — 2¾"	3500 r.p.m.	20 lbs.	44 lbs.

SA-369 outer flange for blades with other than round arbor holes.
See page 72 for saw blades and abrasive wheels.

safety saws

STANLEY





W9 cuts 0" to 3¼"

full ball bearing

Rugged safety saw! Designed for easy operation, fast cutting and years of service. Features have been incorporated to give you a saw with 0"-3¼" cutting capacity. It has a tilting base for making bevel cuts up to 45° in 2¼" material. An extra powerful motor-driven saw for contractor-builders and plant maintenance men. Equipped with heavy rubber covered three-wire cord (third wire for grounding). Specify W9 saw and the following will be furnished: saw with combination rip and crosscut blade, ripping gauge, wrench, lubricant and metal carrying case.

features

Heat-treated aluminum alloy base.

Gears — heavy duty, heat-treated ground alloy steel worm and alloy bronze worm wheel which run in a large grease chamber assuring constant lubrication and smooth operation in any position.

Switch — momentary contact, heavy duty double pole, bakelite enclosed.

Approved automatic safety guard with manual control.

Simple wing nut adjustment for depth of cut and bevel.

Notched base makes it easy to follow cutting line.

Built in dust blower.

Positive cord clamp eliminates strain on wire connections.

9½" saw blade has round ⅞" arbor. Any blade this size fits.

Exclusive Stanley blade flanges protect motor from shock loads.

specifications

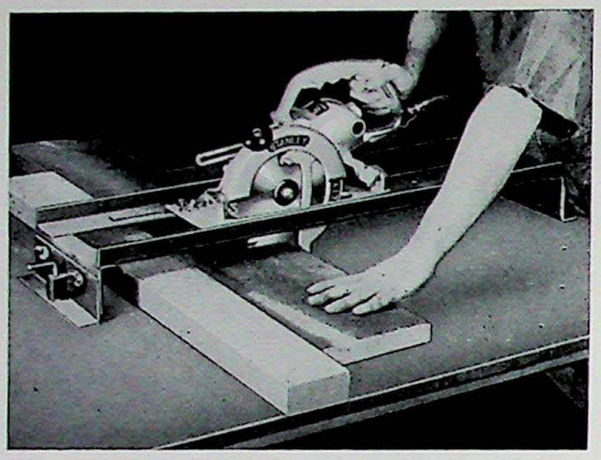
Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

type no.	saw blade	cutting capacity	no load blade speed	net weight	shipping weight
W9	P-5790 comb. blade regular equipment	0" - 3¼"	3300 r.p.m.	26 lbs.	62 lbs.

See page 72 for saw blades and abrasive wheels.

New Britain, Conn., U. S. A.

safety saw accessories



adjustable saw track No. 158

for safety saws Nos. W-7, W-8 and W-9

Structural steel welded track, readily adjustable for use with Stanley safety saws Nos. W-7, W-8 and W-9 for square, bevel and bevel mitre cuts. Pivot pin in front drops into bored holes in bench for cuts made at any angle.

With this accessory, the user can eliminate laying out and marking each piece of lumber and will find it a real time-saver as a guide in cutting lumber to exact size desired.

Also recommended for cutting slate, marble, etc., when abrasive wheels are used with the saw. Shipping weight 13 lbs.

dimensions No. 158 saw track

Overall length — 37″
Overall width — 9½″
Overall height — 5¾″ maximum
Overall track length 34¼″
Maximum height under track — 4½″
Maximum width of wood possible to cut — 17½″

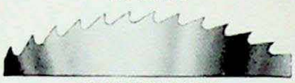
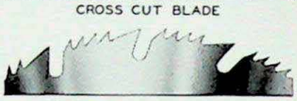
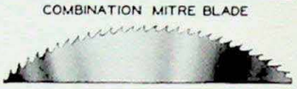
abrasive saw wheels

Specially made from bonded, best grade hard abrasive. All are 3/32″ thick.

Wheels 6″ in diameter for use with saw No. W65. Wheels 7″ in diameter for use with saws Nos. W7 and W8.

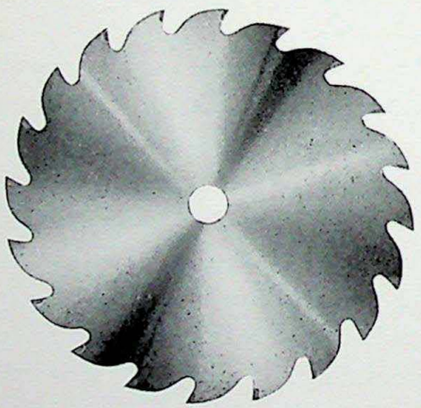
Wheels 9″ in diameter for use with saw No. W9.

no.	diam.	arbor hole	shipping weight (doz.)
MS-112 General Purpose	6″	¾″	4 lbs.
MS-114 Marble	6″	¾″	4 lbs.
MS-113 Steel	6″	¾″	4 lbs.
MS-548 General Purpose	7″	¾″	4 lbs.
MS-549 Marble	7″	¾″	4 lbs.
MS-550 Steel	7″	¾″	4 lbs.
MS-502 General Purpose	9″	⅞″	6½ lbs.
MS-503 Marble	9″	⅞″	6½ lbs.
MS-504 Steel	9″	⅞″	6½ lbs.

W65 6¼″ Dia.	W7 7½″ Dia.	W8 8″ Dia.	W9 9½″ Dia.	
P-6474	P-5792	P-5849	P-5790	COMBINATION RIP & CROSS CUT BLADE
P-6492	P-5789	P-5848	P-5785	RIP BLADE
P-6493	P-5787	P-5846	P-5783	 CROSS CUT BLADE
P-6494	P-5788	P-5847	P-5784	 COMBINATION MITRE BLADE
			P-5782 8″ Dia.	 METAL CUTTING BLADE
	P-5786	P-5786 7½″ Dia.	P-5810	floor cutting blade

Saw blades for W65, W7 and W8 saws have ¾″ round arbor holes.

Blades for W9 saw have ⅞″ round arbor holes.



carbide tipped saw blades

Carbide tipped saw blades stay sharp longer. They may be used to cut hard, abrasive materials which quickly dull regular blades. Excellent for plywoods made with bakelite glue.

Carbide tipped saw blades cut slower than newly sharpened regular blades because they produce a wider kerf. However, they produce a much smoother cut due to their blade action.

no.	diameter	no. teeth	for
P-6565	6¼″	18	W65 saw
P-6566	7½″	18	W7 saw
P-6567	8 ″	20	W8 saw
P-6568	9½″	22	W9 saw

STANLEY

No. HB8A

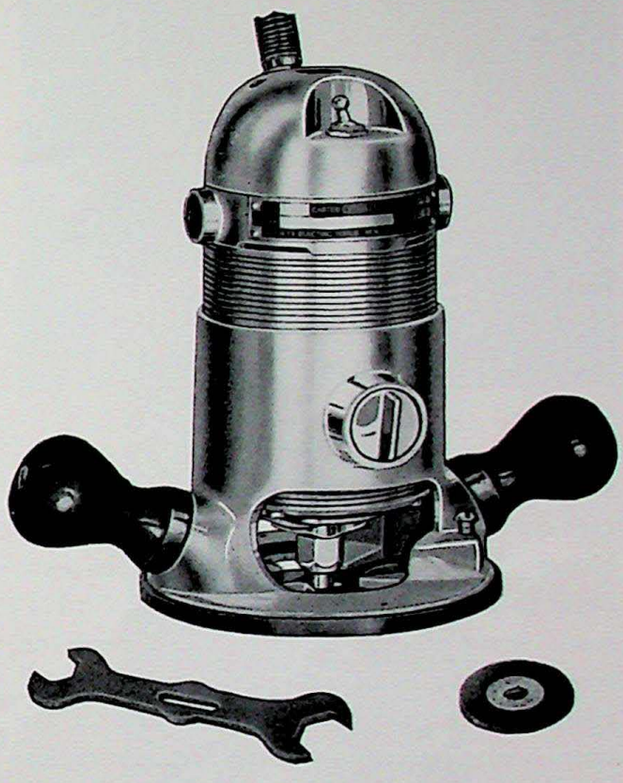
½ h.p., 20,000 r.p.m.

Mortises for butts at least six times faster than is possible by hand. Not only is it faster but it leaves a smooth, perfectly flat surface that gives a solid foundation for the butt so that you can get a perfect fit every time. This is especially true when using Stanley round corner butts which are designed for this type of equipment. When butts are placed into the mortises made with Stanley door set equipment the work is always permanent, the door hangs perfectly with proper clearance on all sides.

The motor housing screws into the router base so that extremely accurate depth adjustments can be made for any thickness of hinge. Each complete turn of the motor in the base alters depth 1/16". The maximum projection of bit below the base is 1⅛".

Use grinding wheel furnished in place of the bit to sharpen a dull bit.

The direct drive construction transmits all power directly to the bit.



features:

Housing and base — strong aluminum alloy, highly polished.

Cord — rubber covered, three-wire — one wire for grounding.

Specify Stanley HB8A router, indicating choice of voltage, and the following will be supplied as standard equipment:

No. 8 motor — ½ h.p., GA-197 router base, GA-194 templet guide, 2 2016 bits (see page 82), MS-1254 grinding wheel, GA-158 grinding arbor, P4009 arbor wrench.

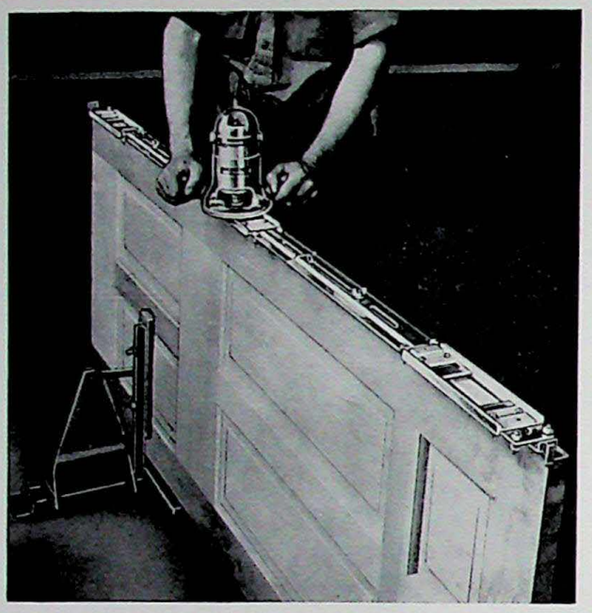
The Stanley No. 8 motor can be used to power other tools such as: router, plane, groover, etc. (See page 49).

specifications

Motor: No. 8 — ½ h.p. universal, operates on either D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	length	net weight	shipping weight
HB8A	20,000 r.p.m.	115, 125, 150, 200, 230 or 250 volts as specified	7⅜"	7 lbs.	8½ lbs.

door set equipment



mortising with door set equipment
using T5 templet

With a Stanley templet and HB8A router, the user can mortise 75 or more doors and jambs for hinges in a single day. This is at least six times faster than by hand. Figure the saving! Furthermore, every mortise is perfect and needs no further cutting or chiseling when using Stanley round corner butts, because the radius of the butt corner is exactly the same as the bit radius. This eliminates the necessity of recutting, shimming or driving hinges at any time.

No. T3

templet

The Stanley T3 templet is completely adjustable for any size door and is made so that you can use it on both door and jamb by simply reversing it. After the templet has been set for the size and location of butts (requires only three or four minutes) it is then adjusted for all like doors on the job. This will save time and insure uniformity.

Net weight 5 lbs. Shipping weight 7 lbs.

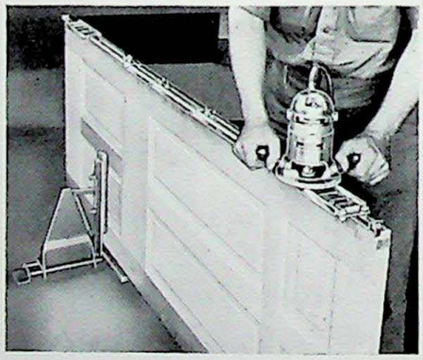
No. T5 & T6

templets

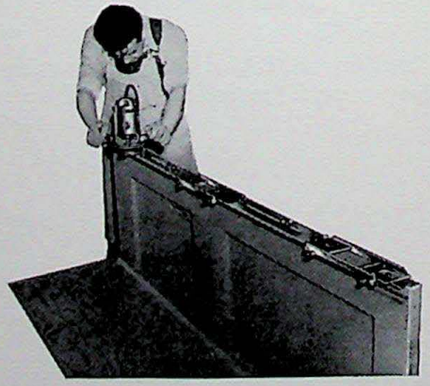
These templets are simple to use. Accurate measurements are not necessary to insure perfect fittings. They are constructed for speed of operation and simplicity of use. Because of this, they are ideal for both small and large contractors who are interested in saving time and labor.

The T5 templet is designed for cutting two or three hinge mortises on a door and jamb. It will handle door thicknesses of 1⅜″ to 2″. Shipping weight 6¾ lbs.

The T6 templet consists of a completely adjustable templet for cutting two hinge mortises on a door and jamb. It will handle door thicknesses of 1⅜″ to 2″. Shipping weight 5½ lbs.



T6 templet

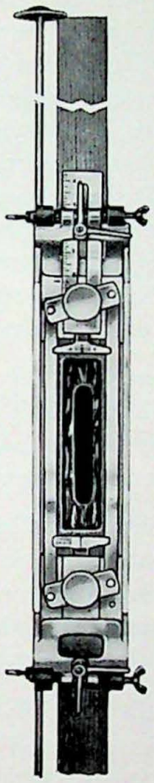


T3 templet

STANLEY

No. T1

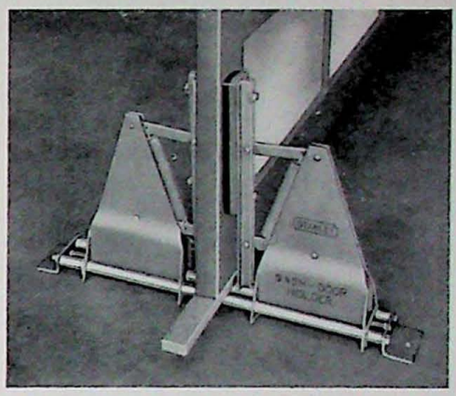
lock face templet
self centering



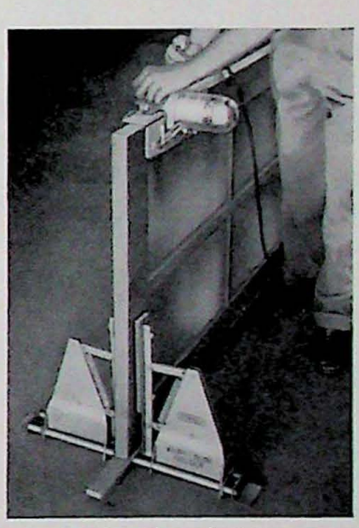
Used with the hinge butt router to cut lock face mortises. It is clamped on the door by two centering clamps which insure correct lock location in the center of the door regardless of its thickness. It is direct reading, and can be completely set in 10 seconds — only three quick easy adjustments for height on door, and for length and width of mortise — no rule, wrench or screw driver necessary. The face plate of the lock will set perfectly flush with the wood even when door is beveled. The Stanley lock face templet is adjustable for any size lock face plate. Net weight 5 lbs. Shipping weight 8 lbs.

No. GA-156

sash and door holder



GA-156 sash and door holder



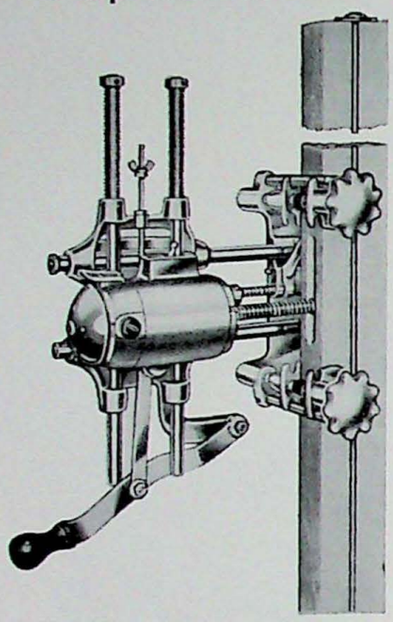
for edge planing

The Stanley GA-156 sash and door holder is the answer for contractors and builders who have the problem of planing doors or hinge butt routing on the job. This new lightweight holder will enable you to get rid of awkward and makeshift saw-horse arrangements . . . enables you to do your work anywhere with a minimum of set-up and effort.

The GA-156 will hold any normal sized sash, screen, door or other woodwork up to 4 inches in thickness, rigid and upright for best results. Clamps and releases automatically, and is provided with cushioned clamping device to protect article being worked on. Net weight, 18 lbs. Shipping weight, 19½ lbs.

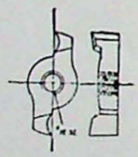
No. LM1

1 h.p. lock mortiser

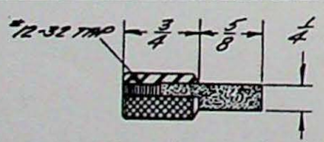


lock mortiser cutters

tapped 12 — 32 threads



no.	dia.
11	11/16
12	3/4
13	13/16
14	7/8
15	15/16
16	1
17	1 1/16
18	1 1/8



SA-479 grinding pencil

Light — Frame and motor housing are made of high strength aluminum, remarkably light for this type of unit.

Fast — The machine can be adjusted from one size lock to another within a minute. The actual cutting time is about 30 seconds per mortise.

Easy to use—The depth and length of the mortise are determined by simple adjustments. The width of the cut is governed by the size of the cutter used. Two self-centering clamps center the lock mortiser on the door and insure that every mortise will be in the center of the door regardless of the thickness. After the first mortise is cut, height rods can be inserted to insure that all succeeding doors have the mortise properly located. The height rods can be used to locate from the floor or top of doors as desired.

The machine is strongly constructed of the finest materials assuring long trouble-free service. By using the grinding pencil furnished, the lock mortiser sharpens its own cutters.

Automatic feed — By means of a simple ratchet arrangement the machine automatically feeds into the cut with each stroke of the handle. Because the feed is automatic, there is no danger of jamming or stalling the machine.

features

Capacity — maximum length of stroke 5¼". Maximum depth of cut 4¾". Width of cut determined by size of cutter. 11/16" to 1⅛".

Cord — rubber covered — 3-wire — one wire for grounding.

Specify — Stanley LM1 lock mortiser indicating choice of voltage and the following will be supplied as standard equipment — carrying case, height rod, SA-479 grinding pencil, and one each No. 12 and No. 14 cutters.

specifications

Motor — 1 h.p., universal type, operates on either D.C. or A.C., 60 cycles or less.

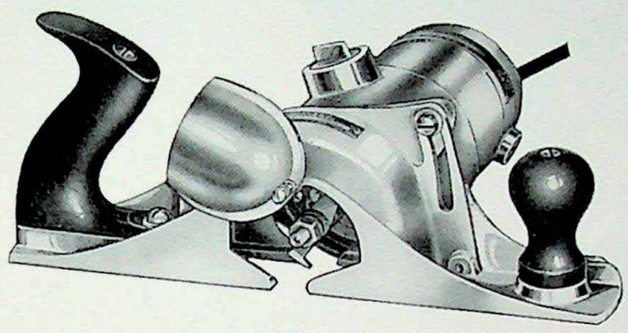
No.	speed (no load)	voltages	net weight	shipping weight
LM1	18,000 r.p.m.	115, 125, 150, 200, 230 or 250 as specified	26½ lbs.	60 lbs.

groovers

STANLEY

No. WS8A

½ h.p., 20,000 r.p.m.



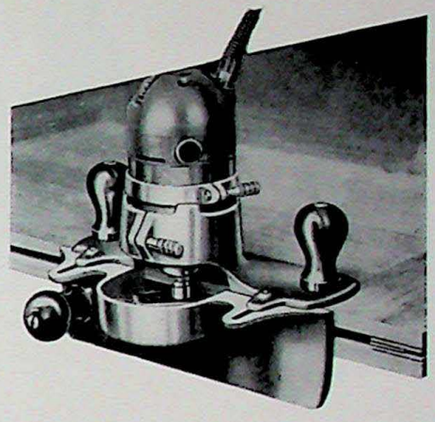
This portable electric groover makes all manner of grooving cuts using cutters of the 4000 series shown on page 84. It is invaluable for making weatherstrip cuts with the 5000 series cutters shown on page 84. Because of the high speed and power of this machine, the work is done many times faster than is possible by hand, and with uniform accuracy. The cutter revolves at speeds up to 20,000 r.p.m., assuring smooth, quick, and clean work.

The cutter guard protects operator and deflects chips downward. By attaching the MS-201 grinding wheel (furnished with the machine) to the motor arbor, the WS8A groover can be used to sharpen its own cutters.

The No. 8 motor used in the WS8A groover is the same motor as used in all of the other Stanley ½ h.p. tools. See page 49.

No. GA45

door bottom attachment



This attachment, used with the No. 8 motor, rabbets or grooves door bottoms with little effort. Using a 3″ saw, it cuts from 1⅛″ to 1½″ deep and is adjustable from flush to ¾″ from the face of the door.

Equipment to specify: (in addition to No. 8 motor) GA-2 arbor, GA-45 door bottom attachment, P-5209 saw (3 inch). See page 85.

WS8A features

Construction — strong aluminum alloy, highly polished.

Switch — enclosed double pole.

Cutter Arbor — a GA-2 5/16″ diameter threaded arbor is attached to the No. 8 motor.

Cord — rubber covered, 3-wire — one wire for grounding.

Specify — Stanley WS8A groover, indicating choice of voltage, and following will be supplied as standard equipment:

No. 8 motor (with GA-74 chuck), GA-2 arbor 5/16″, MS-201 grinding wheel, GA-92 groover attachment, 5005 cutter — 5/32″ wide, P4009 wrench.

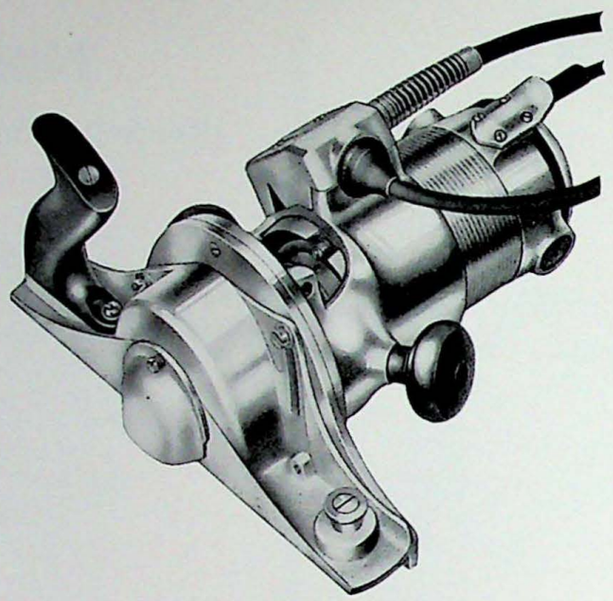
specifications

Motor: No. 8 — ½ h.p. universal, operates on either D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	length	net weight	shipping weight
WS8A	20,000 r.p.m.	115, 125, 150, 200, 230 or 250 volts as specified	12″	8¼ lbs.	11 lbs.

STANLEY

groover



No. WS5A

1 h.p., 18,000 r.p.m.

This is a portable groover with greater capacity that the WS8A. The WS5A cuts to a full 5/8" depth, 5/8" wide, and is especially suitable for grooving window sash to accommodate spring sash balances. The 1 h.p. motor operates at 18,000 r.p.m. for fast, smooth, clean cutting.

This groover can use any of the shaper cutters with 1/2" arbor holes shown on page 84. The chip guard protects the operator's hand and deflects chips from working area.

The WS5A groover consists of an M1 motor and GA-170 base (less sub-base), to which has been added a grooving attachment. By removing this attachment the owner of a WS5A has a router for a variety of woodworking operations. For adaptation of R5B to WS5A, write factory for information.

features

Construction — strong aluminum alloy, highly polished.

Switch — enclosed double pole, high capacity switch conveniently located by the base.

Chuck — screw type 3/4" x 16 tread. Takes GA-33 arbor for grooving, other arbors for shaping and chuck adapters for routing.

Adjustment — motor casing is threaded and carries a graduated metal ring. One complete turn of the ring moves the motor 1/8" in the groover attachment.

Cord — 3-wire rubber covered — one wire for grounding.

Specify — Stanley WS5A groover, indicating choice of voltage, and the following will be supplied as standard equipment:
M1 motor, GA-33 arbor 1/2" diameter (page 86), 6020 cutter (page 84), GA-213 groover attachment (includes router base), 2 FG-392 wrenches, 1 FG-393 wrench.

specifications

Motor: 1 h.p. universal, operates on D.C. or A.C., 60 cycles or less.

No.	speed (no load)	voltages	net weight	shipping weight
WS5A	18,000 r.p.m.	115, 125, 150, 200, 230 or 250 volts as specified	17 lbs.	25 lbs.

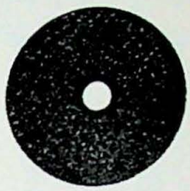
accessories

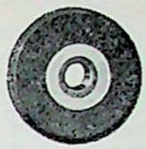
STANLEY

on the following pages are listed accessories for routers, shapers, grinders, and other Stanley electric tools.

grinding wheels

MS-200


MS-203


MS-201

MS-198

MS-197

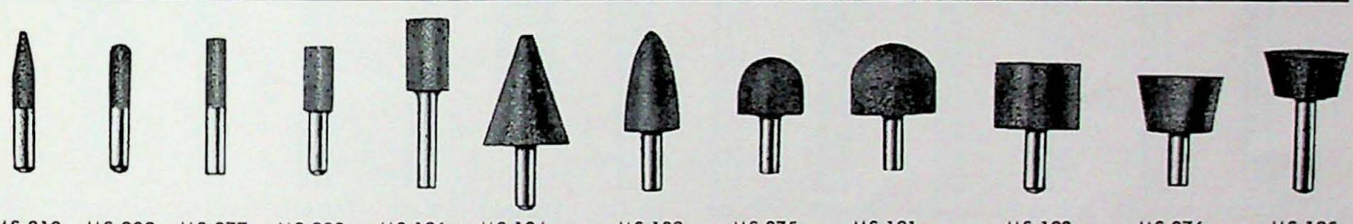
MS-199

MS-187

MS-206

Highest grade abrasive. The 2" wheels are bakelite bonded.

number	size	arbor hole
MS-200	2" x 1/8"	1/4"
MS-203	2" x 1/8"	5/16"
MS-201	1 1/2" x 3/8"	5/16" medium grit
MS-197	1" x 1/8"	5/16"
MS-198	1" x 1/8"	1/4"
MS-199 bevel	1" x 1/8"	1/4"
MS-187 bevel	1" x 1/8"	5/16"
MS-206	1/2" x 1/2"	1/4"


MS-210 MS-209 MS-277 MS-208 MS-196 MS-194 MS-189 MS-275 MS-191 MS-192 MS-276 MS-195

Shanks are all 1/4" in diameter and 3/4" long except shanks on MS-196 and MS-195 which are 1 1/8" long.

number	type	size dia.	size lgth.
MS-210	pencil	1/4"	1 1/16"
MS-209	pencil	1/4"	3/4"
MS-277	pencil	1/4"	3/4"
MS-208	pencil	3/8"	3/4"
MS-196	pencil	1/2"	3/4"
MS-194	cone	1"	1 1/4"
MS-189	bullet	11/16"	1 1/4"
MS-275	ball	3/4"	5/8"
MS-191	ball	1"	1"
MS-192	square	1"	3/4"
MS-276	cup tapered	1"	5/8"
MS-195	tapered	1"	1/2"

arbors with flanges

1/4" shanks that fit in chuck. G-2 holds wheels with 1/4" arbor holes. G-6 holds wheels with 5/16" arbor holes.

GA-3 for internal grinding. Used in place of chuck to hold wheels similar to No. MS-206 which have 1/4" arbor hole.

G-2

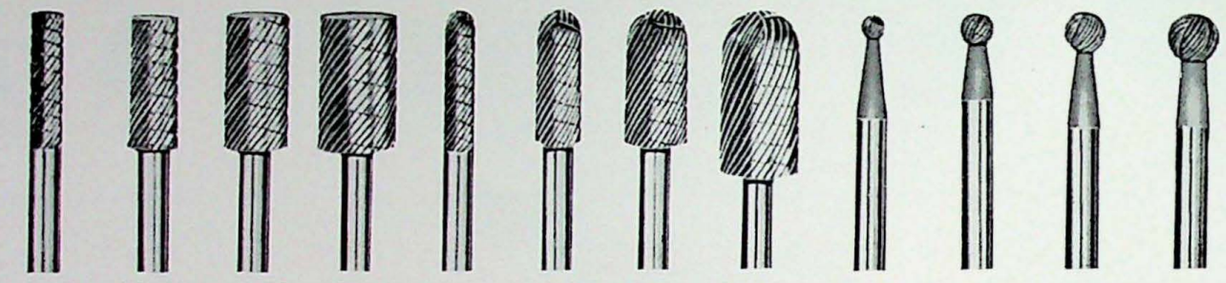
G-6

GA-3 arbor

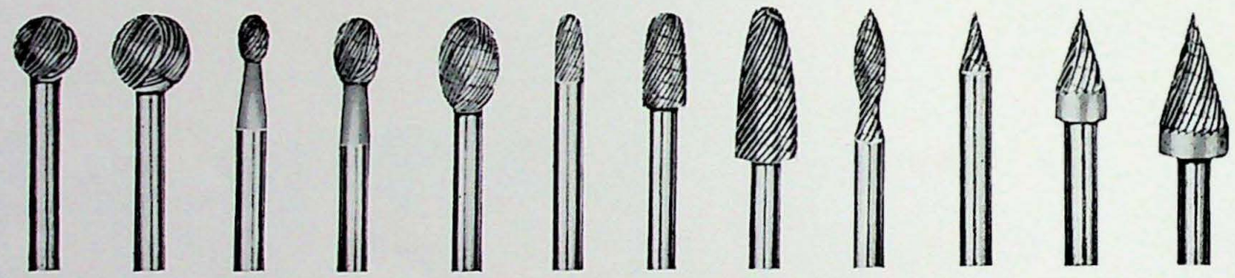
Stanley grinders and routers have ample power and speed to drive a 1 1/2" x 1/2" abrasive wheel and do a real grinding job. Larger wheels can be used for special work, but an abrasive wheel manufacturer should be consulted for his recommendations on grade and bond of wheel to be used.

high speed rotary files

These files are machined from solid blanks, then hardened. As a final operation, the flutes and teeth are ground into the hardened blanks. Overall length, including shank, 2½".



MS-411 MS-412 MS-413 MS-414 MS-415 MS-416 MS-417 MS-418 MS-419 MS-420 MS-421 MS-422



MS-423 MS-424 MS-425 MS-426 MS-427 MS-428 MS-429 MS-430 MS-431 MS-432 MS-433 MS-434

bits and cutters

Router bits and shaper cutters should be selected from pages 81 to 84. General rules to be kept in mind when ordering bits and cutters are as follows:

A — bits having ¼" diameter shanks or less may be used with all motors except S7 which uses cutters only.

B — bits having 5/16", ⅜" and ½" diameter shanks are used with 1 h.p. and 2 h.p. motors only.

C — cutters having ¼" arbor holes (3000 series) are used with the S7 shaper.

D — shaper cutters having 5/16" arbor holes (4000 series) are used with ½ h.p., 1 h.p. and 2 h.p. motors.

E — shaper cutters have 9/16" arbor holes (6100 series) are used with 1 h.p. and 2 h.p. motors.

selection of bits

In selecting the bit for the job you must first determine whether you desire a fine finish or rough finish. It is always necessary to sacrifice one to gain the other.

A single flute bit is the fastest cutting but does not make as smooth a cut. The two-flute bit is a little slower in cutting than the single flute but will give a smooth cut. The shear cut bit, or spiral, is a much slower cutting bit but it will give you a very smooth cut.

router bits

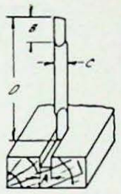
STANLEY

STANDARD BITS FOR ALL ROUTING MACHINES

Next to tungsten carbide tipped bits, these are the longest wearing, cleanest cutting bits you can buy. Only the finest high speed steel is used in their manufacture. During the manufacturing operations, expert tool makers work to very close limits to insure correct size, rake and clearance so that the bits and cutters will stand up under high speeds and produce clean cuts. For performance or "work value" order Stanley bits.

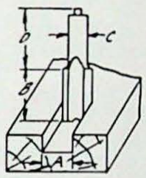
STRAIGHT DOUBLE END BITS

No.	A	B	C	D
D202B	1/16	5/32	1/8	1 5/16
D203B	3/32	3/16	1/8	1 5/16
D204B	1/8	5/16	3/16	1 5/8
D206B	3/16	3/8	1/4	2 1/16



1/4" SHANK STRAIGHT BITS 2 FLUTES 1/4" SHANK

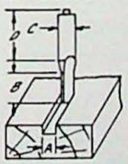
No.	A	B	C	D
208	1/4	5/8	1/4	3/4
T208	"	"	"	"
X208	1/4	1	"	1 3/16
210	5/16	3/4	"	3/4
X210	5/16	1 1/8	"	1 3/16
212	3/8	11/16	"	3/4
214	7/16	11/16	"	"
216	1/2	3/4	"	"
218	9/16	5/8	"	"
220	5/8	5/8	"	"
222	11/16	5/8	"	"
224	3/4	5/8	"	"



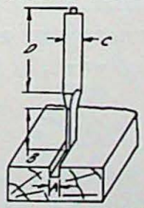
X = Extra Long. T = Tungsten Carbide.

1/4" SHANK STRAIGHT BITS SINGLE FLUTE — SHANK 3/4" LONG

No.	A	B	C	D
204	1/8	3/8	1/4	3/4
205	5/32	3/8	"	"
206	3/16	7/16	"	"
207	7/32	7/16	"	"



LONG SHANK STRAIGHT BITS SINGLE FLUTE

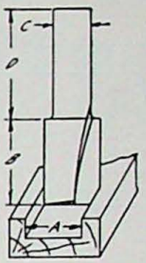


No.	A	B	C	D
1804	1/8	5/8	1/4	1 3/16
1806	3/16	3/4	1/4	1 3/16
*1808	1/4	1	1/4	1 3/16
*1810	5/16	1	5/16	1 3/16
*1812	3/8	1 1/8	3/8	1 5/16

*Can also be furnshed with 1/2", 3/4" and 7/8" length cutting edges.

1/2" SHANK STRAIGHT BITS TWO FLUTES

These bits may be ground for paneling, rounding and coving.



No.	A	B	C	D
1412	3/8	1 1/8	1/2	1 7/16
T1412	"	"	"	"
1416	1/2	"	"	"
T1416	1/2	1 3/8	"	1 3/8
1420	5/8	1 1/8	"	1 7/16
1424	3/4	"	"	"
1426	13/16	"	"	"
1428	7/8	"	"	"
1432	1	"	"	"
X1416	1/2	1 7/8	"	2 1/8

X = Extra Long. T = Tungsten Carbide.

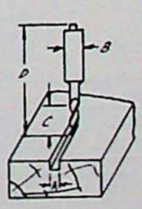
"V" GROOVING BIT

No.	A	C	D
112	3/8	1/4	3/4
128	7/8	1/4	7/8

SHEAR CUT BITS — PATENTED

Right Hand Spiral

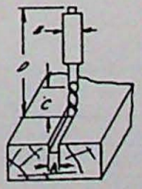
Standard



No.	A	B	C	D
RS204	1/8	1/4	13/16	1 7/8
RS206	3/16	1/4	1 1/8	2 1/8
RS208	1/4	1/4	1 1/2	2 1/2
RS212	3/8	3/8	2	3 1/4

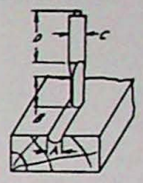
Left Hand Spiral

Standard



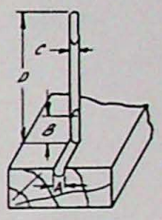
No.	A	B	C	D
LS204	1/8	1/4	13/16	1 7/8
LS206	3/16	1/4	1 1/8	2 1/8
LS208	1/4	1/4	1 1/2	2 1/2
LS212	3/8	3/8	2	3 1/4

VEINING BITS — SINGLE FLUTE



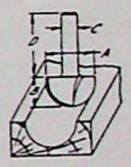
No.	A	B	C	D
304	1/8	5/16	1/4	3/4
306	3/16	7/16	"	"
307	7/32	7/16	"	"

VEINING DOUBLE END BITS



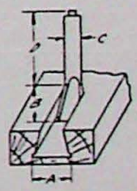
No.	A	B	C	D
D302B	1/16	1/8	1/8	1 1/4
D303B	3/32	3/16	1/8	1 5/16
D304B	1/8	5/16	3/16	1 5/8

CORE BOX BITS — TWO FLUTES



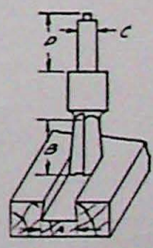
No.	A	B	C	D
408	1/4	1/4	1/4	1
410	5/16	"	"	"
412	3/8	"	"	"
414	7/16	"	"	"
416	1/2	11/32	"	"
418	9/16	3/8	"	"
420	5/8	"	"	"
422	11/16	7/16	"	"
424	3/4	15/32	"	"

DOVETAIL BITS



No.	A	B	C	D
1012	9/32	3/8	1/4	1 1/4
1018	9/16	17/32	"	1 3/32

NOSING BITS — THREE FLUTES

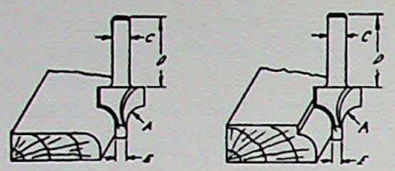


No.	A	B	C	D
1314	7/16	5/8	1/4	3/4

STANLEY

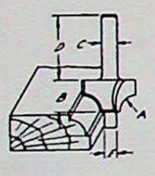
router bits

ROUNDING OVER BITS — TWO FLUTES



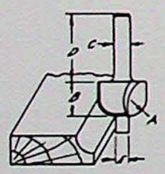
No.	A	C	D	E
506	3/16	1/4	1	3/16
508	1/4	"	"	"
510	5/16	"	"	"
512	3/8	"	7/8	"
516	1/2	"	7/8	"

BEADING BITS — TWO FLUTES



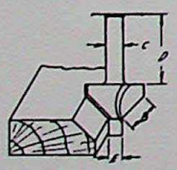
No.	A	B	C	D	E
602	1/16	3/16	1/4	3/4	3/16
604	1/8	3/8	"	"	"
608	1/4	1/2	"	1	"
612	3/8	3/4	"	7/8	"

COVE BITS — TWO FLUTES



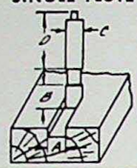
No.	A	B	C	D	E
706	3/16	1/2	1/4	1	3/16
708	1/4	"	"	"	"
712	3/8	"	"	7/8	"
716	1/2	3/4	3/8	7/8	"

CHAMFERING BITS — TWO FLUTES



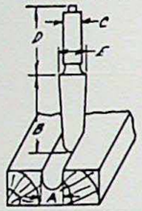
No.	B	C	D	E
916	1/2	1/4	1	3/16

METAL CUTTING STRAIGHT BITS SINGLE FLUTE



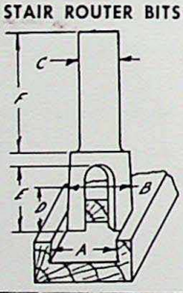
No.	A	B	C	D
1104	1/8	1/4	1/4	3/4
1106	3/16	"	"	"
1108	1/4	5/16	"	"
1110	5/16	5/16	"	"
1112	3/8	7/16	"	"

TAPER BITS



No.	A	B	C	D	E
1202	1/16	9/16	1/4	3/4	1/4
1208	1/4	1	"	"	3/8

STAIR ROUTER BITS

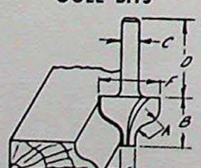


No.	A	B	C	D	E	F
1626	7/8	13/16	1/2	1/2	25/32	1 7/16

ROMAN OGEE BITS

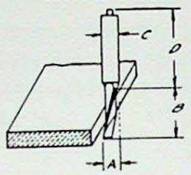
No.	A	B	C	D	E	F
5705	5/32	1/2	1/4	1	5/32	15/32
5708	1/4	3/4	1/4	3/4	5/32	1 5/32

OGEE BITS



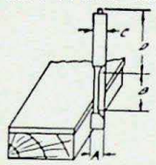
No.	A	B	C	D	E	F
7506	3/16	5/8	1/4	1	5/32	25/32
7509	9/32	29/32	1/4	7/8	5/32	1 5/32

SPIRAL BITS



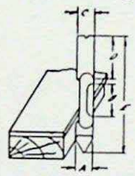
No.	A	B	C	D
RS1108	1/4	3/4	1/4	1 1/4

PILOT PANEL BITS



No.	A	B	C	D
1908	1/4	3/4	1/4	1 5/16

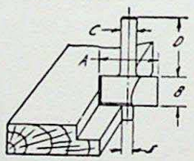
PANEL BITS



No.	A	B	C	D	E
T1512	3/8	3/4	3/8	1	2 11/16
1512	"	"	"	"	"

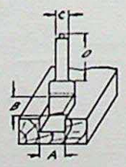
T1512 bit same as 1512 but with tungsten carbide insert.

RABBETING BITS



No.	A	B	C	D	E
1708	11/16	7/16	1/4	1	3/16
1712	15/16	1/2	1/4	1	3/16

BITS FOR HINGE BUTT ROUTING



No.	A	B	C	D
2012	3/8	7/16	1/4	15/16
T-2012	3/8	7/16	1/4	15/16
2014	7/16	3/8	1/4	15/16
T-2014	7/16	3/8	1/4	15/16
2016	1/2	3/8	1/4	15/16
T-2016	1/2	1/2	1/4	1 1/32

T = Tungsten Carbide.

standard cutters

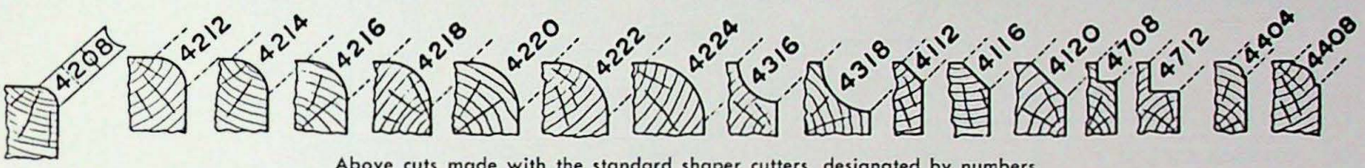
STANLEY

For performance or "work value" use Stanley cutters. They are made from the finest high speed steel. To insure correct size, rake and clearance we work to very close limits in all manufacturing operations. Scientifically controlled heat treatment insures toughness, uniformity and lasting cutting edges.

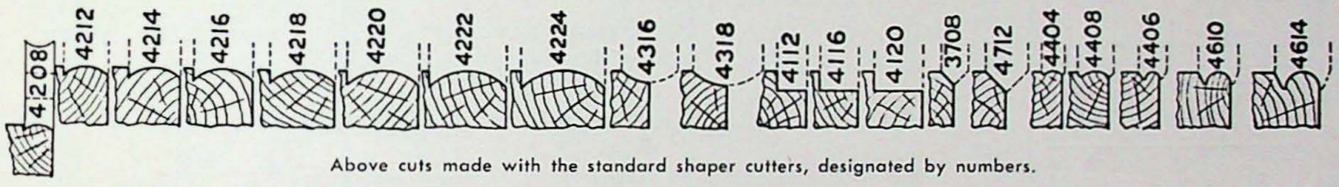
A few Stanley shaper cutters and some applications.

32-42 Series | 31-41 Series | 31-41 Series | 33 Series | 43 Series | 37 47 Series | 34 44 Series | 46 Series | 35 45 Series | 31 Series

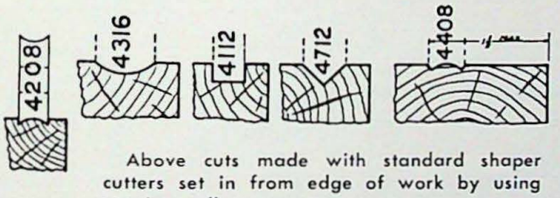
Cuts below are 1/3 actual size.



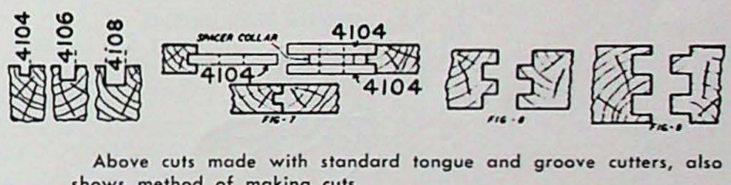
Above cuts made with the standard shaper cutters, designated by numbers.



Above cuts made with the standard shaper cutters, designated by numbers.

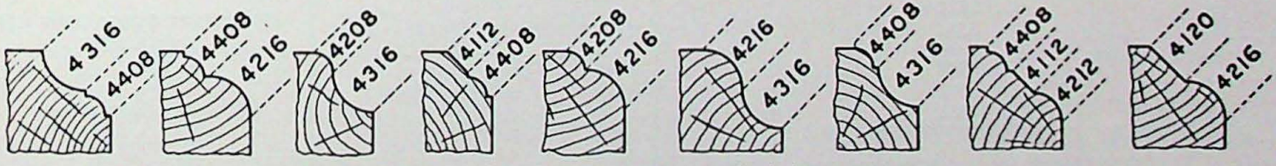


Above cuts made with standard shaper cutters set in from edge of work by using spacing collars.

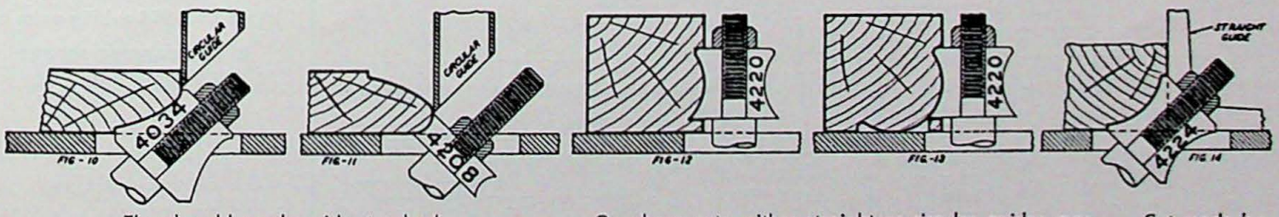


Above cuts made with standard tongue and groove cutters, also shows method of making cuts.

With the Stanley tilting spindle shaper, a few standard cutters can be used to make a variety of cuts — a few examples are shown below.



Examples of combinations, using standard shaper cutters.



Thumbmold made with standard shaper cutters.

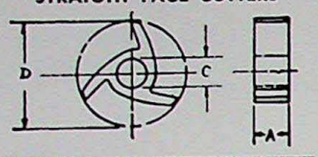
On above cuts—either straight or circular guides may be used—not shown. When making cuts as above, clearance must be ground on sides of lips.

An example of cuts made in two operations making separate cuts on both sides of a corner, showing the corner ground off a standard cutter to make radius.

Cut made by grinding corners on Cutter 4224.

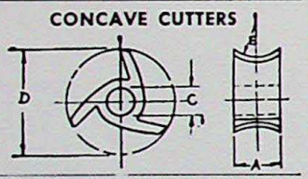
STANLEY standard cutters

STRAIGHT FACE CUTTERS



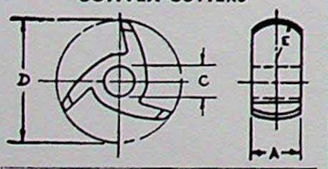
No.	A	C	D
3104	1/8	1/4	11/16
3106	3/16	"	"
3108	1/4	"	"
3112	3/8	"	"
3116	1/2	"	"
4104	1/8	5/16	"
4106	3/16	"	"
4108	1/4	"	"
4112	3/8	"	"
4116	1/2	"	"
4120	5/8	"	"
4124	3/4	"	"
4128	7/8	"	"
4132	1	"	"
4140	1 1/4	"	"

CONCAVE CUTTERS



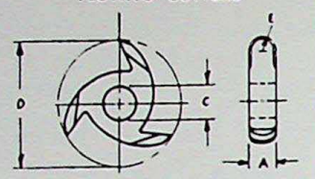
No.	A	C	D	E
3204	11/64	1/4	11/16	1/8
3206	17/64	"	"	3/16
3208	23/64	"	"	1/4
3210	7/16	"	"	5/16
3212	17/32	"	"	3/8
3214	5/8	"	"	7/16
4204	11/64	5/16	1 1/8	1/8
4206	17/64	"	"	3/16
4208	23/64	"	"	1/4
4210	7/16	"	"	5/16
4212	17/32	"	"	3/8
4214	5/8	"	"	7/16
4216	45/64	"	"	1/2
4218	51/64	"	"	9/16
4220	57/64	"	"	5/8
4222	31/32	"	"	11/16
4224	1 1/16	"	"	3/4

CONVEX CUTTERS



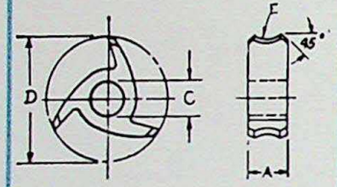
No.	A	C	D	E
3304	11/64	1/4	49/64	1/8
3306	17/64	"	25/32	3/16
3308	23/64	"	53/64	1/4
3312	17/32	"	29/32	3/8
4304	11/64	5/16	1 13/64	1/8
4306	17/64	"	1 15/64	3/16
4308	23/64	"	1 17/64	1/4
4310	7/16	"	1 5/16	5/16
4312	17/32	"	1 11/32	3/8
4314	5/8	"	1 25/64	7/16
4316	45/64	"	1 27/64	1/2
4318	51/64	"	1 29/64	9/16

FLUTING CUTTERS



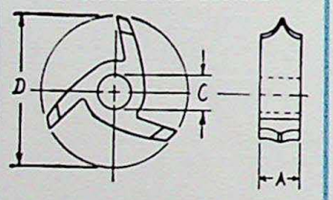
No.	A	C	D	E
X4304	1/4	5/16	1 1/8	1/8
X4308	1/2	5/16	1 1/4	1/4

CORNER BEAD CUTTERS



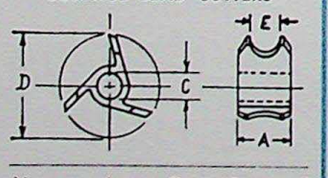
No.	A	C	D	E
3404	1/4	1/4	49/64	1/8
3406	11/32	"	49/64	3/16
3408	7/16	"	49/64	1/4
4404	1/4	5/16	1 13/64	1/8
4406	11/32	"	1 13/64	3/16
4408	7/16	"	1 13/64	1/4

SPINDLE BEAD CUTTERS



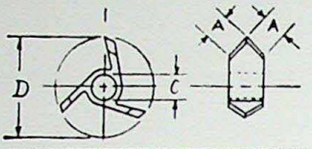
No.	A	C	D
3510	5/16	1/4	27/32
3512	3/8	"	15/16
3514	7/16	"	1
4510	5/16	5/16	1 21/64
4512	3/8	"	1 23/64
4514	7/16	"	1 3/8

SURFACE BEAD CUTTERS



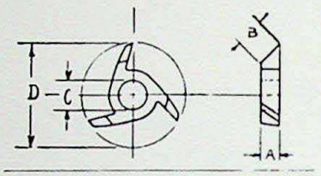
No.	A	C	D	E
3606	3/8	1/4	59/64	3/16
3610	1/2	"	15/16	5/16
3614	11/16	"	1 1/8	7/16
4606	3/8	5/16	1 1/8	3/16
4610	1/2	"	1 1/8	5/16
4614	11/16	"	1 1/8	7/16

"V" RABBETING CUTTERS



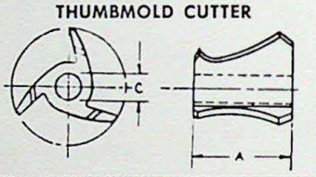
No.	A	C	D
3704	1/8	1/4	7/8
3708	1/4	"	1 1/16
4708	"	5/16	1 1/2
4712	3/8	"	1 21/32

CHAMFER CUTTERS



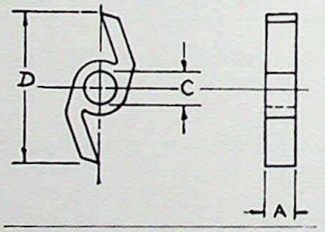
No.	A	B	C	D
4800L	3/16	9/32 L.H.	5/16	1 1/8
4800R	"	" R.H.	"	"

THUMBMOLD CUTTER



No.	A	C
4034	1 1/16	5/16

S2 — STRAIGHT FACE CUTTERS



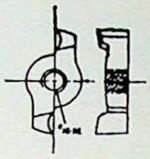
No.	A	C	D
6108	1/4	9/16	2 1/2
6112	3/8	"	"
6116	1/2	"	"
6124	3/4	"	"
6132	1	"	"
6140	1 1/4	"	"
6148	1 1/2	"	"
6156	1 3/4	"	"
6164	2	"	"

POWER PLANE CUTTERS

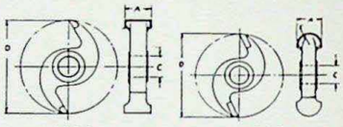
No.	A	C	D
4158-S	1 13/16	5/16	13/16
4176-S	2 3/8	"	3/4
T4176-S	2 3/8	"	"
4196-S	2 33/64	.354	1 3/8
T4196-S	2 33/64	.354	1 3/8

LOCK MORTISER CUTTERS

Tapped
12 — 32
Threads



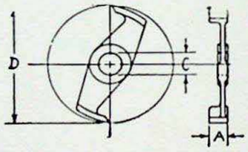
No.	Dia.	No.	Dia.
11	11/16	15	15/16
12	3/4	16	1
13	13/16	17	1 1/16
14	7/8	18	1 1/8



6020 6320

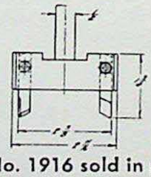
No.	A	C	D	E
6020	5/8	1/2	2 1/4	—
6320	5/8	1/2	2 1/4	5/16

WEATHERSTRIP CUTTERS



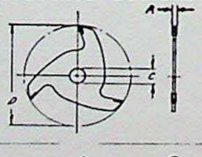
No.	A	C	D
5003	3/32	5/16	1 7/8
T5003	"	"	"
5004	1/8	"	1 13/16
5004 1/2	9/64	"	"
5005	5/32	"	"
5006	3/16	"	"
5007	7/32	"	"
5008	1/4	"	"
5008 1/2	17/64	"	"
5009	9/32	"	"

R23 CUTTER SURFACING HEAD GA-223



Cutters No. 1916 sold in pairs only

3 LIP CARBIDE TIPPED SLOTTING CUTTERS



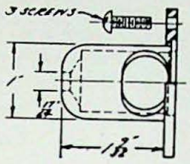
No.	A	C	D
T-5602	1/16	5/16	2
T-5602 1/2	5/64	5/16	2
T-5603	3/32	5/16	2

*Cutters with 1/4" arbor hole fit S7 Shaper. Cutters with 5/16" arbor hole fit S80 Shaper. 104 and S22 Shapers will take all cutters — see arbors on page 86.

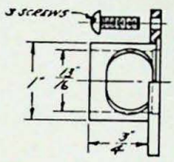
accessories

STANLEY

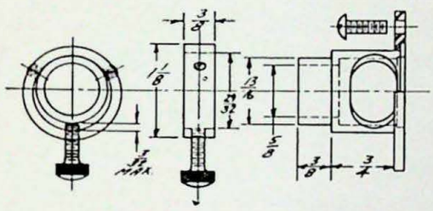
TEMPLET GUIDES FOR R8A AND RS80 ROUTERS ONLY



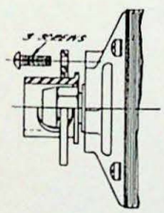
No. GA-8. Veining Guide for motor



No. GA-10. Core Box Guide for motor.

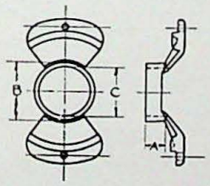


No. GA-12. Beading and Fluting Guide for motor.

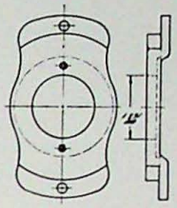


Application of above templet guide.

FOR R2 AND R22 ROUTERS ONLY

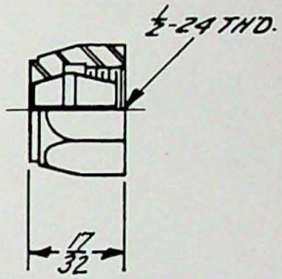


No.	A	B	C
S (Standard)	½	1½	1¼
T	7/16	1¾	1½
GA-38 Guide	½	2	1¼



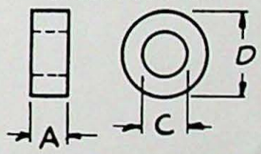
GA-221 Guide Support for R22 to hold R8A Base Guides

CHUCK



No. GA-74 Chuck for RS8, RS4B, R8A and RS80 Routers.

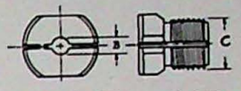
SPACER COLLARS



When ordering specify part number.

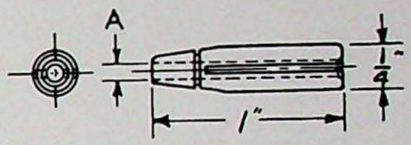
Part No.	A	C	D
S-6790	1/8	¼	7/16
S-6791	3/16	"	"
S-6792	¼	"	"
S-6793	3/8	"	"
S-6794	½	"	"
S-6786	1/8	5/16	9/16
S-6561	3/16	"	"
S-5642	¼	"	"
S-5643	3/8	"	"
S-6706	½	"	"
S-6795	¼	9/16	1
S-6796	½	"	"
S-6797	¾	"	"
S-6798	1	"	"
S-8315	11/16	½	¾

ADAPTERS AND COLLETS



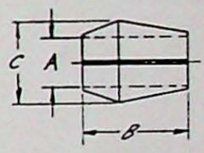
Screws into R2, R5A and R5B chucks

No.	B	C	For
S-5803	¼	¾ x 16 Thd.	¼ shank bits
S-5804	5/16	"	5/16 " "
S-5805	3/8	"	3/8 " "
S-6134	½	"	½ " "

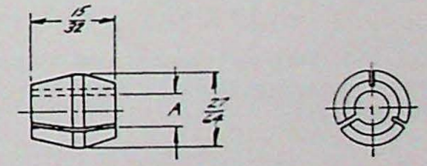


For holding double end bits and small shank mounted grinding points.

No.	A	For
S-6872	1/16	1/16 bits
S-6873	3/32	3/32 "
S-6691	1/8	1/8 "
S-6683	3/16	3/16 "



No.	A	B	C	For
S-8826	¼	1 1/16	.820	¼ shank bits
S-8827	5/16	"	"	5/16 " "
S-8828	3/8	"	"	3/8 " "
S-8829	½	"	"	½ " "



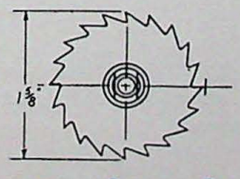
For holding new style double end bits and small shank grinding points.

No.	A	For
S-8772	1/8	1/16, 3/32 and 1/8 bits
S-8773	3/16	3/16 bits
S-8626	¼	¼ bits

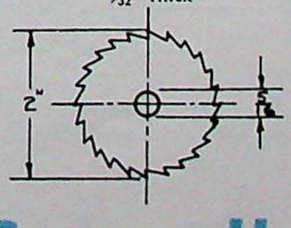
SAW BLADES

P 5643
CIRCULAR SAW WITH NUT

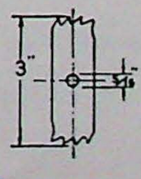
5/16" Dia. Hole
.046 Thick



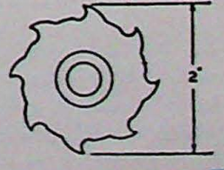
P 5644 CIRCULAR SAW
3/32" Thick



P 5209 END SAW
1/16" Thick



P 5370 CIRCULAR SAW
1/16" Kerf, 5/16" Dia. hole



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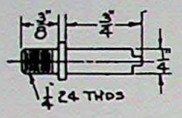
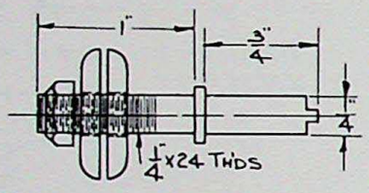
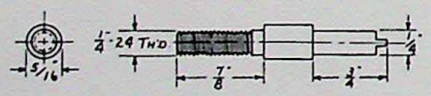
arbors



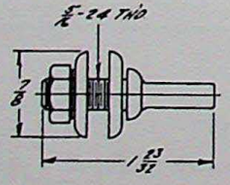
No. G-1. Holds 1" diameter grinding wheels in routers and grinders or may be used for veneer trim.



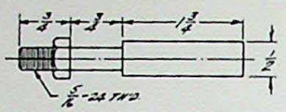
No. G-2. Holds 1½" or 2" diameter grinding wheels in routers and 153A and 585D grinders.



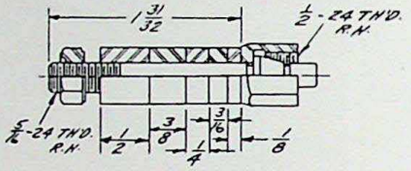
No. G-3. Used with beading and fluting attachment to hold 3000 series cutters having ¼" arbor holes.



No. G-6. Used with Nos. 4B and 8 motors to hold 4000 series cutters having 5/16" arbor holes. Used with grinders to hold grinding wheels having 5/16" arbor holes.

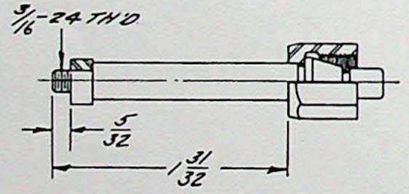


No. G-8. For using shaper cutters with 5/16" arbor holes in M1 and M2 motors.

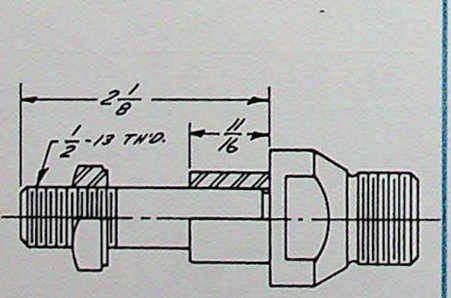


No. GA-2. Arbor (illustrated) with collars. For No. 8 and 4B motors, 585D grinder.

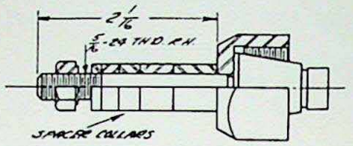
No. GA-30. Arbor (without collars). For J38 plane.



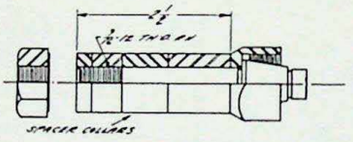
No. GA-16 Spindle Carving Arbor for No. 4B and No. 8 motors.



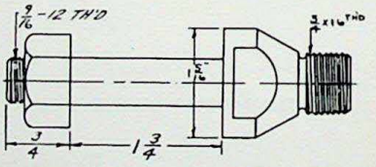
No. GA-33. For WS5A groover or for holding shaper cutters with ½" arbor holes in R2, R5A, and M1 motors.



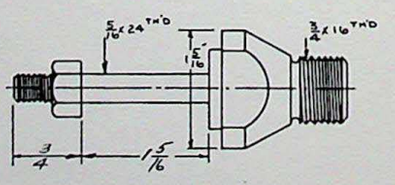
GA-208. For using cutters with 5/16" arbor holes in R22 router.



GA-209. For using cutters with 9/16" arbor holes in R22 router.



No. S2-711. For holding shaper cutters with 9/16" arbor holes in R2, R5A and R5B routers.



No. S2-720. For holding shaper cutters having 5/16" arbor holes when used with R2, R5A or M1 motors.

grinding wheels

STANLEY

with arbor holes

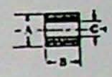
Fit on shaper spindles or can be used with arbor and spindles in routers.

For sharpening shaper cutters, power plane cutters, etc.

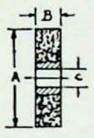
No.	A	B	C
MS-198	1	1/8	1/4
MS-197	"	"	5/16
MS-200	2	"	1/4
MS-203	"	"	5/16
MS-1254	1 1/2	"	1/4

Particularly adapted for sharpening dovetail bits.

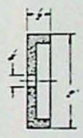
No.	A	B	C
MS-199 Bevel	1	1/8	1/4
MS-187	"	"	5/16



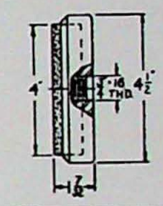
No.	A	B	C
MS-206	1/2	1/2	1/4
MS-207	"	"	5/16



No.	A	B	C
MS-201	1 1/2	3/8	5/16



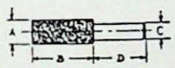
No.	Dia.	Width	Hole
MS-280	2	1/2	1/4



No.	Dia.	Thick	Hole
SB	4	17/32	3/4x16 Thd.

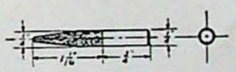
with shanks

For general grinding or for special grinding as mentioned. Shanks fit in chuck or adapter in routers.



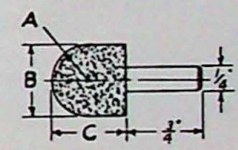
For sharpening round flute bits.

No.	A	B	C
MS-277	1/4	13/16	3/4
MS-208	3/8	"	3/4
MS-196	1/2	"	1 1/2

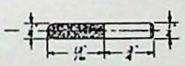


For sharpening small diameter bits.

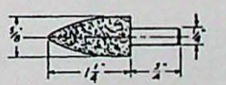
No.	Dia.	Lgt.	L. of Shk.
MS-210	1/4	1 1/16	3/4



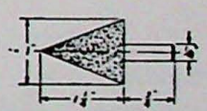
No.	A	B	C	L. of Shk.
MS-275 Ball	3/8	3/4	5/8	3/4
MS-191 Ball	1/2	1	3/4	3/4



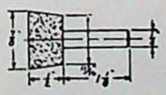
No.	Dia.	Lgt.	L. of Shk.
MS-209 Round	1/4	13/16	3/4



No.	Dia.	Lgt.	L. of Shk.
MS-189 Bullet	5/8	1 1/4	3/4

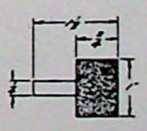


No.	Dia.	Lgt.	L. of Shk.
MS-194 Cone	1	1 1/4	3/4



For sharpening straight router bits.

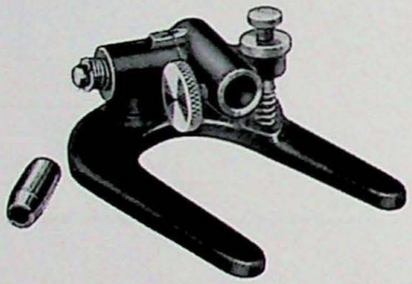
No.	Dia.	Lgt.	L. of Shk.
MS-195 Taper	7/8	1/2	3/4
MS-276 Cup	1	5/8	3/4



No.	Dia.	Lgt.	L. of Shk.
MS-192 Non-Taper	1	3/4	3/4

grinding fixture

GF1 grinding fixture for bits and cutters



Makes it easy for you to sharpen your bits and cutters correctly.

Place the bit or cutter in the holder, and then place the holder either on the Shaper Table or Router Base as illustrated. The holder will take bits with shanks ½", ⅜", 5/16", and ¼" diameter. Arbors can be mounted in the fixture to handle cutters having ¼" or 5/16" hole.

No. GF1 — Complete with D13-¼" adapter will handle ½" and ¼" shanks, and G8 arbor for 5/16" hole cutters. Shipping weight, 2 lbs.

accessories

D15 adapter to hold ⅜" shank

D14 adapter to hold 5/16" shank

G10 arbor for ¼" hole cutters

MS-195 wheel for grinding

Note: Always grind on the flat or under side of bit or cutter.

sharpening bits and cutters

There are several methods of sharpening Stanley router bits and shaper cutters. One arrangement is to use your Stanley ½ h.p. motor in the GA-21 grinding stand shown on page 28 of this catalog.

The general rules which apply to the selection of grinding wheels for this purpose are as follows:

A. Use MS-276, MS-192, and MS-195 wheels with motor and chuck, for router bits having Z type flutes with flat undercut, or MS-201 wheel with motor and arbor to sharpen all shaper cutters.

B. Use MS-210 or MS-209 wheels with motor and chuck to sharpen router bits having flutes with curved undercuts.

C. We cannot emphasize too strongly the importance of keeping bits and cutters sharp. If you will hone your bits and cutters you will find they will give you more and better work between grinds. Where you have masonite and similar material, or plywood with glue joints, we recommend Tungsten Carbide tipped bits and cutters.

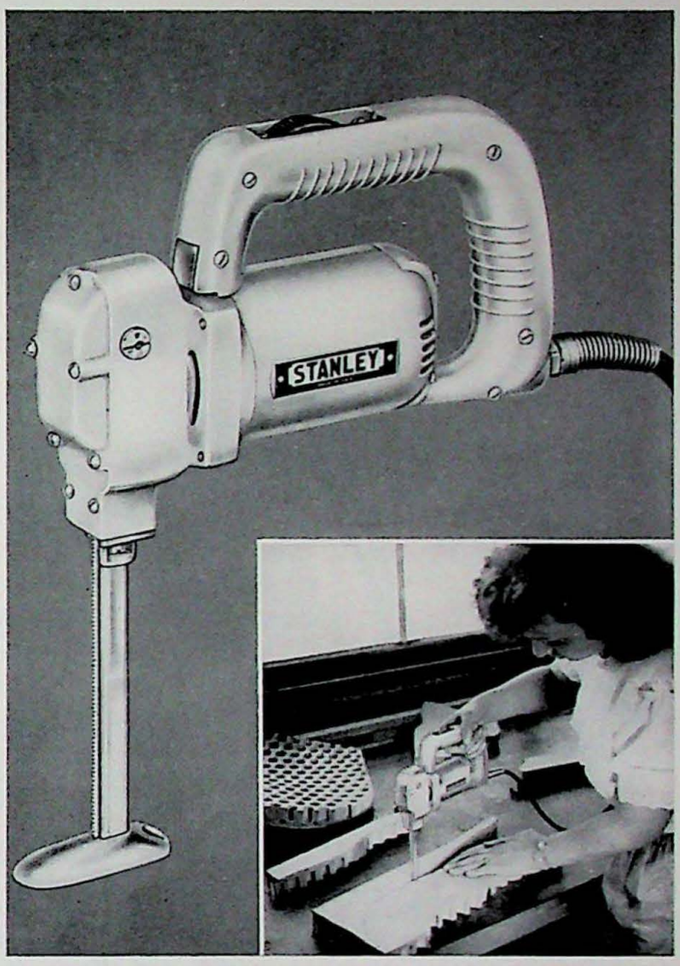
rubber cutter

STANLEY

No. 99

The No. 99 rubber cutter is a portable electric tool, designed for use wherever sponge or foam type rubber, up to 4" thick, has to be cut. It's a real time-saver — cuts sponge rubber to straight lines, curves, angles as marked, or following a templet, at a speed up to 30 ft. a minute, depending on thickness of material. It weighs only 4 lbs. and can be handled easily by a girl operator.

The universal type motor operates from either AC or DC outlet, motor housing is a sturdy lightweight aluminum alloy casting. The two saw-type blades that do the cutting are made of alloy steel for long life, and can be easily replaced. No. 99 rubber cutter is furnished with rubber covered three-wire cord with ground connection and tube of grease.



specifications

Motor: universal type, operates on either D.C. or A.C., 60 cycles or less.

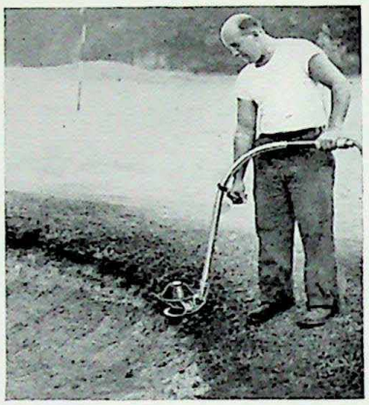
type no.	capacity	voltages	speed	length overall	net weight	shipping weight
99	sponge rubber up to 4" thick	115, 125, 150, 200, 230 or 250 as specified	up to 30 ft. a minute	9¾"	4 lbs.	6¾ lbs.

Extra blades: No. P6263 are available in pairs.

New Britain, Conn., U. S. A.

STANLEY

grasshear



trimming edge of sand trap

No. 199
Stanley Grasshear

The Stanley No. 199 grasshear is designed to be light in weight and well balanced. It can be adjusted to the tall or short person for ease of operation. It saves 9/10 of trimming time required for old hand methods. It allows you to cut even the most inaccessible patches of grass with ease. Patented design permits the air flow created by the blades to suck the grass into the blades and facilitate cutting. New mounting of the blade prolongs its life. It absorbs the vibration caused by the blade striking obstacles while trimming.

features

Air-cooled, dustproof motor sealed in special alloy housing, splashproof.
Sealed ball bearings.
Motor hood made of high impact plastic.
Back of grasshear guarded to deflect stones and dirt away from the operator.
Finger-tip control.
Handle made of tubular aluminum.
Auxiliary handle and upper rubber grip both adjustable to suit operator's reach.
Cutterhead has plastic bumper to prevent marring of finished surfaces.
Furnished with cord connector and three blades.

specifications

Motor: universal type, operates from any outlet or from a portable generator.

No.	voltage	net weight	shipping weight
199	115 volts	10 lbs.	18 lbs.

extra equipment

GA-78 — 100 ft., three-wire (one wire grounded) cord with screw-in connection on grasshear end, two prong on power end.

P6517-B — extra blades (packed 3 in a box).

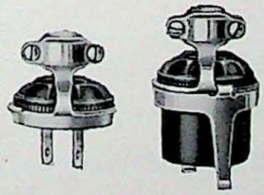
extension cords for all electric tools

Extension cords for Stanley electric tools are designed to stand up under hard out-door use. Each heavy rubber covered cord is fitted with a two-prong locking plug and connector.

1. Determine length of extension needed.
2. Read ampere rating from nameplate of tool.
3. Find this ampere rating or nearest higher figure on same horizontal line as length of cord desired.
4. Order extension cord by catalog number — this number is wire gauge followed by dash and required length — for example: 200 ft. 18GA is specified 18—200.

length cord (ft.)	maximum nameplate amperes (3 wire) gauges			
	No. 18	No. 16	No. 14	No. 12
50	7.0	10.0	15.0	20.0
100	3.5	6.0	9.0	15.0
150	2.5	4.0	6.5	10.0
200	2.0	3.0	4.5	7.5
250	1.5	2.5	4.0	6.0
300	1.0	2.0	3.0	5.0

MS181



MS225

matched locking plug

All Stanley saw cables (except cable furnished on W-65 saw) are equipped with locking plug No. MS181.

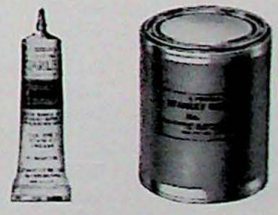
For best results all extension cables should have matching locking receptacle No. MS225 which as noted above is standard equipment on Stanley extension cord.

grease chart

no. grease	properties	used on no.	used on tool	used on amount
201	Tested fluid grease used on worm gear drives that will insure correct lubrication.	W-65	Saw	5 oz.
		W-7	Saw	5 oz.
		W-8	Saw	5 oz.
		W-9	Saw	5 oz.
		144A	Unishear	5 oz.
		U218	Unishear	5 oz.
		U216	Unishear	5 oz.
		U214A	Unishear	5 oz.
		U212	Unishear	5 oz.
202	Special grease used on ball bearings. This grease for use in all electric drills.	99	Rubber Cutter	2 oz.
		153A	Grinder	2 oz.
		585C	Grinder	2 oz.
		565-566	Grinders	
		72	Disc Sander	2 oz.
		77	Disc Sander	2 oz.
		92	Disc Sander	2 oz.
		310A	Hammer	5 oz.
		M1	Motor	2 oz.
		LM1	Mortiser	2 oz.
		J4A	Plane	2 oz.
		J5	Plane	2 oz.
		U206	Unishear	5 oz.
		U208	Unishear	5 oz.
		U214A	Unishear	2 oz.
		U216	Unishear	2 oz.
203	Special heavy gear grease.	72	Disc Sander	5 oz.
		92	Disc Sander	5 oz.
		77	Disc Sander	5 oz.
		U208	Unishear	5 oz.
		U206	Unishear	5 oz.

All tools not listed above have sealed ball bearings lubricated for life.

No. 201 and No. 202 saw greases are available in 5 oz. tubes and in 1, 2 and 4 lb. spring cover cans.

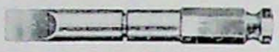


When ordering specify tools to be lubricated.

supplement

contains all available accessories formerly in catalogs nos. 68 and 81 that apply to discontinued tools

accessories for 1, 2, 31 and 32 screw drivers



S-5191

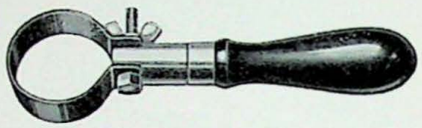
GA-112

bits for slotted screws

Made from finest quality tool steel and tempered to stand up under hard usage. Tips are carefully formed and milled to size. Lengths are determined by the amount bit projects beyond the knurled nut.

FOR 1, 2, 31, 32 SCREW DRIVERS

slotted screws	projection	without centering sleeve	with centering sleeve
6 to 8	1"	S-5193	
8 to 10		S-5184	
10 to 12		S-5180	
14 to 16		S-5176	
6 to 8	2½"	S-5191	GA-112
8 to 10		S-5157	GA-116
10 to 12		S-5158	GA-120
14 to 16		S-5159	GA-124
6 to 8	4"	S-5188	GA-113
8 to 10		S-5185	GA-117
10 to 12		S-5181	GA-121
14 to 16		S-5177	GA-125
6 to 8	6"	S-5190	GA-114
8 to 10		S-5186	GA-118
10 to 12		S-5182	GA-122
14 to 16		S-5178	GA-126
6 to 8	8"	S-5189	GA-115
8 to 10		S-5187	GA-119
10 to 12		S-5183	GA-123
14 to 16		S-5179	GA-127



GA31 auxiliary handle for No. 381 ⅜" drill

tools for No. 320A hammer

SA135 star drill chuck for No. 320A. Takes star drills from 3/16" to ¾".

SA138 star drill chuck for No. 320A. Takes star drills from 13/16" to 1⅛".

SA136 star drill chuck for No. 320A. Takes star drills from 1¼" to 2".

P5088 ejector pin: for chuck No. SA136.

†**FG333** concrete chisels . . . . . 1" x 12"
†**FG334** concrete chisels . . . . . 1" x 24"
†**FG341** cold chisels . . . . . ⅞" x 9"
†**FG332** chisel blanks . . . . . 12"
†**FG447** chisel blanks . . . . . 24"
†**FG337** bull point . . . . . 12"
†**FG351** brick cleaning chisel . . 3" x 10"
†**FG346** bush hammer . . . . . 1½" square face
***FG381** star drill . . . . . 1¼" x 12"
***FG382** star drill . . . . . 1⅜" x 12"
***FG383** star drill . . . . . 1½" x 12"
***FG384** star drill . . . . . 1⅝" x 12"
***FG385** star drill . . . . . 1¾" x 12"
***FG386** star drill . . . . . 2" x 12"
***FG387** star drill . . . . . 1¼" x 24"
***FG389** star drill . . . . . 1½" x 24"

*Use chuck No. SA-136.

†Use GA-63 tool retaining clip.

supplement

STANLEY

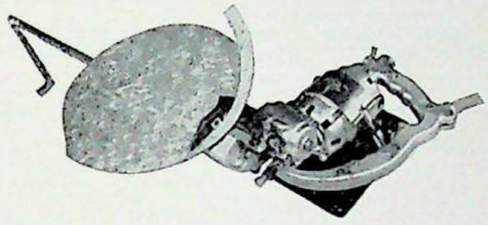
accessories for 16A and mighty midget unishears

Extra blades with screws — No. S-7797 blades of high speed steel, of a specially developed alloy.

Extra yoke — FG-429 standard for 16A.

Extra yoke — SA-109 standard for mighty midget.

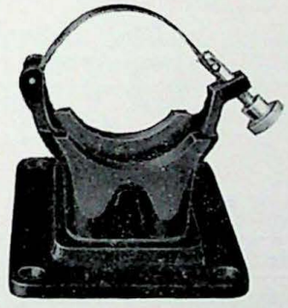
circular cutting attachment



No. C16 for 16A unishear.

No. C18 for mighty midget.

cradles for 16A and mighty midget



GA-134

accessories for 214 unishear

Extra blades with screws —

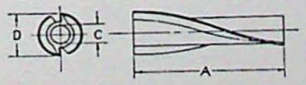
No. S-7846 for lower blade.

No. S-8036 for upper blade.

Extra yoke — **No. SA-122.**

No. S-7963 upper blade for 208 unishear serials A and B.

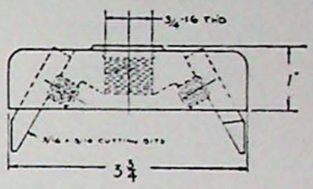
power plane cutters



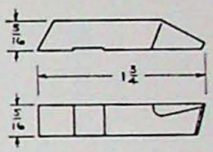
No.	A	C	D	for
4153-S	$1\frac{21}{32}$	$\frac{5}{16}$	$\frac{13}{16}$	J3 and wasp
4168-S	$2\ \frac{1}{8}$	$\frac{5}{16}$	$\frac{3}{4}$	J4 plane

bits and cutters

R2 cutter surfacing head
NO. 1902



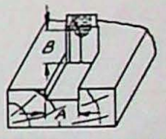
cutting bits used in R-2 cutter surfacing head No. 1902



These bits sold in pairs only

NO. 1911 — HIGH SPEED STEEL
NO. 1912 — TUNGSTEN CARBIDE TIPPED

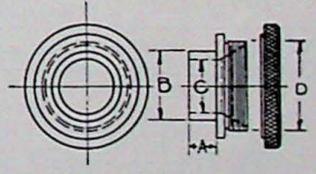
screw bits — two flutes



No.	A	B	thread
812	$\frac{3}{8}$	$\frac{7}{16}$	12 x 32 thd.
814	$\frac{7}{16}$	"	"
T814	$\frac{7}{16}$	"	"
816	$\frac{1}{2}$	"	hinge butt
T816	$\frac{1}{2}$	"	tungsten carbide

templet guides

FOR R4A, R4B AND R8 ROUTERS
(Guides are attached to base.)

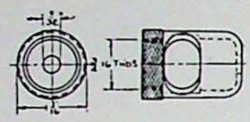


D dimensions — $\frac{13}{16}$" x 24 threads

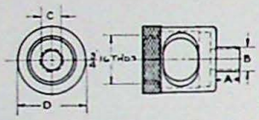
No.	purpose	A	B	C
GA- 5 Guide	general	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{3}{8}$
GA- 6 "	"	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{17}{32}$
GA- 7 "	"	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$
GA- 9 "	recess & insert	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{4}$
GA-14 "	general	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$
GA-17 "	hinge butt	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{17}{32}$
GA-18 "	large dovetail	$\frac{1}{8}$	$\frac{7}{16}$	$\frac{23}{64}$
GA-19 "	small dovetail	$\frac{5}{32}$	$\frac{5}{16}$	$\frac{17}{64}$

templet guides

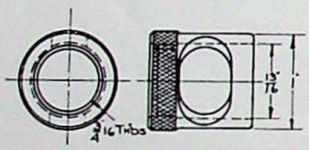
FOR R7, R4 AND R4A ROUTERS ONLY
(Guides attach to motor.)



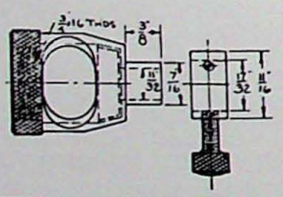
No.	Purpose
D for R7 and R4A	Veining Guide



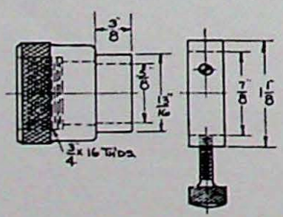
No.	Purpose	A	B	C	D
S-6147	Standard for R7	3/8	7/16	3/8	1 1/16
S-6226	Standard for R4A	1/4	5/8	17/32	1 1/16
S-6861	Special	3/8	1/4	3/16	1 1/16
S-6862	Recess and Insert	1/4	5/16	1/4	1 1/16
S-6864	Special	3/8	3/8	5/16	1 1/16



No.	Purpose
S-6867 for R7 and R4A	Core Box Guide



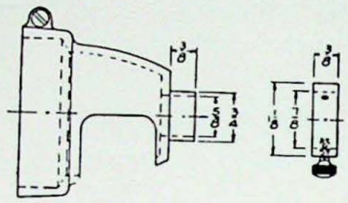
No.	Purpose
G Guide for R7, R4, and R4A	Beading and Fluting with Cutters having 1/4" arbor holes



No.	Purpose
GG Guide for R4A and R4 only	Beading and Fluting with Cutters having 5/16" arbor holes

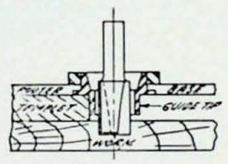
templet guides

FOR R5A ROUTERS ONLY

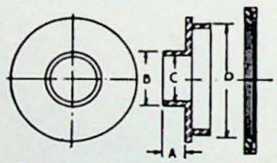


No.	Purpose
GGG Guide for R5A	Beading and Fluting with Cutters having 5/16" arbor holes

templet guide adapter

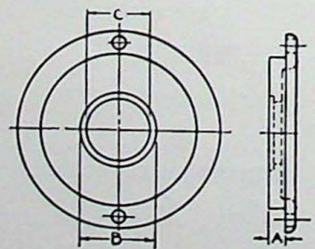


Application of Templet Guides



D dimension — 1 5/16" x 24 Threads

No.	Purpose	A	B	C
M5A for R5A	Hinge Butt Routing	7/16	5/8	17/32
N5A for R5A	Regular	1/4	5/8	17/32
O5A for R5A	Dovetail	1/8	7/16	23/64
005A	Small Dovetail	5/32	5/16	17/64
E5A for R5A	Recess and Insert	1/4	5/16	1/4
N5S for R5A	Stair Routing	7/16	1	57/64
GA-73	" "	1/2	1 1/4	57/64

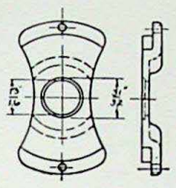


No.	Purpose	A	B	C
X1	Adapter for R5 or R5A Plain Base	1/8	1 7/16	1 5/16

supplement

STANLEY

templet guide adapter



No. X3 guide adapter for R2 router to hold R8 base guides.

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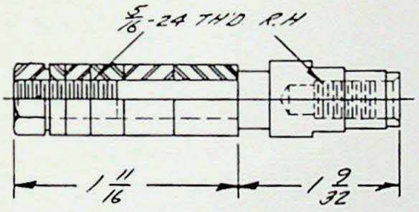
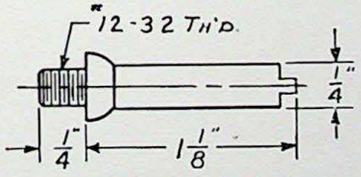
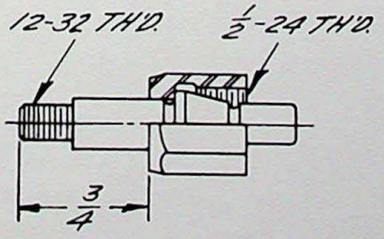
arbors



No. GA-69. Complete with collars and nut to hold 5/16" shaper cutters and 4153-S plane cutter in No. 4 motor. Also used on 153A grinder.

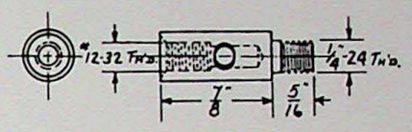


No. S-6652. Holds hinge butt bits.

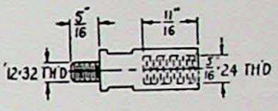


No. GA-29. Cutter arbor for HB8 and HB4B routers.

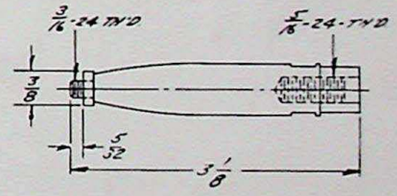
arbors



No. GA-32. For holding grinding wheel in hinge butt router to sharpen screw bits.



No. S-8147 arbor for HB4A motor units when one of screw bits Nos. 812, 814 or 816 is used.



No. G-11. Spindle carving arbor for RS4A and R4A routers.

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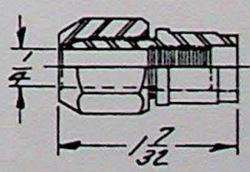
chucks



No. D12. Chuck for RS4A router-shaper and R4A router.

Printed in U.S.A.